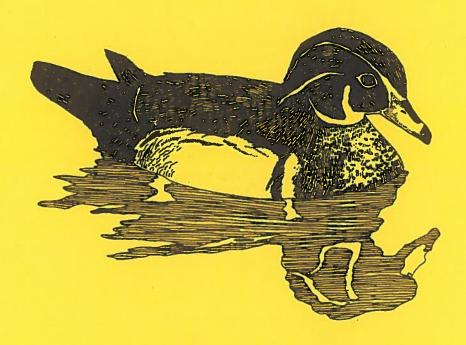
Virginia Survey Of Hunter Harvest, Effort, And Attitudes

1996-97



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Conducted For: Virginia Department of Game and Inland Fisheries Wildlife Division Richmond, Virginia

By:



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Virginia Survey of Hunter Harvest, Effort and Attitudes 1996-97

The Department of Game and Inland Fisheries, being the agency primarily responsible for managing the state's fish and wildlife resources, depends upon accurate population indices to monitor the health of wildlife species. Various techniques are used annually to establish indices of population numbers. Walking transects, enumerating the presence of species by counting tracks, droppings, etc. within quadrants, and conducting call counts along highways are excellent examples of these techniques (for a detailed analysis of estimating wildlife populations, see Davis and Winstead 1980).

Another group of indices important to wildlife managers involves precise estimates of harvest and hunter efforts. Game harvest surveys collect data which are used to generate indices that can be used to monitor changes in harvest and hunter effort across seasons. These data, in turn, can be used to regulate harvests, evaluate habitat conditions, and monitor various aspects of the socio-economic environment (Steffen, 1987:7).

Although some researchers have attempted to estimate game harvests through unobtrusive observation techniques (see Jackson and Norton, 1979), and some management areas are conducive to conducting counts at check stations, this is not feasible for producing statewide or regional estimates. Therefore, game harvest surveys are typically conducted through the use of mail questionnaires. Filion (1980) provides an excellent overview of the use of human surveys in wildlife management.

The purpose of this study was to:

- (a) estimate game harvest and hunter effort indices for major game and furbearing species in Virginia; and,
- (b) collect and analyze other socio-psychological data deemed important to the agency, such as hunters' satisfaction, attitudes, beliefs, preferences, and constraints.

Methods

Generation of the Sample

A random sample of 5,000 Virginia hunters was drawn from license records maintained by the Administrative Services Division of the Department of Game and Inland Fisheries. A stratified, random sampling design was developed to select potential survey participants from these files. All persons who purchased a general state resident hunting license, a county-city license, or a senior license for the $\underline{1995-96}$ season were eligible to be drawn (N = 282,492). To ensure the representativeness of the sample, the number of license holders within each of the three categories was determined and the number of names selected was proportionate to the

number of licenses sold (see Table 1).

Consideration was also given to ensuring the representativeness of the sample geographically across the state. The most preferred method would be to select hunters based on where they hunted; but, there was no way to determine the distribution of hunting across the state. The most feasible strategy, then, was to select hunters proportionately, based on where they purchased their license (i.e., if a license agent sold 2% of the total licenses within one of the

Table 1. 1995-1996 Hunting Population and Survey Sample Statistics								
License Type Population Sample Pct.								
State Resident Licenses	249,466	4,415	88.3%					
County/City Licenses	18,557	328	6.6%					
Senior (65+) Licenses	14,469	257	5.1%					
TOTALS	282,492	5,000	100%					

three categories, then 100 license holders - 2% of 5,000 - were drawn from that license agent's returned license stubs). The social security number of each hunter selected was entered into a computer file and submitted to the Virginia Department of Motor Vehicles (DMV). The DMV, in turn, provided researchers with names and addresses of all hunters selected. In general, the sampling procedures used in this study were built upon the work described by Steffen (1987) in Mississippi.

Development of Survey Instrument

A survey instrument was developed to collect harvest data for selected Virginia game and furbearing species. The design of this instrument was developed to allow the replication of this data collection effort on an annual basis. Game harvest data served as the core of the survey instrument. However, hunter effort data, preferences for seasons and bag limits, and other socio-economic data were collected as well. VDGIF staff biologists and administrators were polled to determine general areas of needed data and used to refine the instrument (Appendix A).

Administration of the Survey

Procedures outlined by Dillman (1978) were employed to collect the data. A questionnaire, a self-addressed pre-stamped envelope, and a personalized cover letter explaining the importance of the study were mailed to each of the 5,000 study participants. One week after the initial mailing, a post card reminder was sent to each person to encourage early response. Non-respondents to the first mailing were identified and two follow-up mailings were sent, when necessary.

Response Rate

By the end of the data collection period, a total of 256 surveys were returned as undeliverable (persons moved, wrong address given, etc.). They were removed from the original sample. Another 3,166 questionnaires had been returned. Of that total, 390 persons either did not purchase a license in 1995-96 (330 persons/6.6%) or refused to complete the survey (60 persons/1.2%), and were subsequently removed from the sample as well. Consequently, a total of 2,766 usable questionnaires were received, resulting in an effective response rate of 63.5% (effective n = 4,354).

Data Analyses

Data from returned questionnaires were entered into a computer file and analyzed using standard statistical techniques. Estimates of state-wide and regional harvests of each species were generated with the level of precision (std. error) of each estimate specified. Estimates were based on the total licenses sold within the three categories (state resident, county/city, and senior) as depicted in Table 2.

Table 2.
Distribution of Hunting License Holders
Among Three License Categories, 1996-97

	Population	Pct.
State Resident Licenses	241,754	88.6%
County/City Licenses	16,733	6.1%
Senior (65+) Licenses	14,499	5.3%
TOTALS	272,986	100%

Regional comparisons were made based on the five regions of Virginia depicted in Figure 1. For a detailed account of the statistical formulas used for specific statewide and regional calculations of estimates and standard errors, readers are encouraged to see Steffen (1987).

Results

Results are provided on the following pages in tabular form. Analyses are segmented into three sections of information. The first section provides estimates and standard errors of harvest and effort for 40 game species (or subpopulations of game animals) during the 1996-97 hunting seasons. Statewide summaries are shown in Tables 3 and 4. Regional estimates are provided in Tables 5-43.

The second section assesses hunters' preferences for selected season dates, bag limits, shooting hours and other data pertinent to management of hunting in Virginia. This information is included in Tables 44-73.

The third section assesses the perceptions hunters regarding factors that constrain their ability or opportunity to hunt. As with previous analyses, these data are summarized statewide and regionally in Table 74. An analysis of hunters' history of purchasing Virginia hunting licenses is illustrated in Table 75.

Notes

Several important points should be considered when interpreting the tables. They are summarized below.

- 1. When considering statistics given in this report, it is important to remember that they should not be viewed as absolute numbers, especially when comparing these statistics with other statistics from other studies. Rather, the data provided here are only indices of harvest and effort, for use in conjunction with past and future mail surveys in this ongoing research project to determine trends. Response and non-response biases exist in all survey efforts. However, when care is taken to fully replicate study methods in subsequent studies, biases should be constant, therefore providing indices of trends over time.
- 2. Total Harvest and Total Man-Days statistics are derived from a formula utilizing the total number of licenses sold for the 1996-97 hunting season (n=272,986). However, the statistics reported for Spring Turkey (1996) used a factor of 282,492 since this season was actually during the 1995-96 hunting season. Total Harvest statistics include all animals harvested regardless of whether or not a hunter was hunting specifically for that animal (incidental kills).
- 3. Statistics for (a) Average Daily Kill, (b) Average Seasonal Harvest, (c) Percent Successful Hunters, (d) Average Seasonal Days Hunting, (e) Total Hunters, and (f) Percent of Total Licenses/Hunters Per Region were calculated using data only from those hunters who reported hunting specifically for that game animal.
- 4. Totals may not always total 100 percent due to rounding errors or missing values.
- 5. Regions were renumbered after the 1993-94 study. The composition of the regions, however, is consistent among studies. Please refer to the map included as part of the survey instrument, included as Appendix A.
- 6. Parenthetical notations displayed immediately following table number (e.g., Q24) refer to question numbers in the survey instrument.

fig. 1

SPECIES	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MAN- DAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT TOTAL LICENSEE S
OVE	1,023,547	4.065	16.11	87.0	247,265	3.96	62,394	22.9
UAIL	135,588	0.947	5.71	55.0	134,433	6.03	22,305	8.2
VOODCOCK	8,741	0.195	1.17	48.6	21,099	6.00	3,517	1.
UFFED GROUSE	46,519	0.380	1.74	54.7	113,836	4.59	24,817	9.
ROW	203,961	2.046	9.61	88.0	90,125	4.70	19,190	7.
ABBIT	494,372	1.168	6.97	79.6	395,965	5.96	66,413	24.
OTAL SQUIRREL	1,385,427	1.436	11.57	91.0	900,341	8.06	111,726	40.
GRAY SQUIRREL	1,228,588	1.690	10.44	90.2	674,678	6.18	109,214	40.0
FOX SQUIRREL	156,839	0.613	4.34	75.1	225,663	7.09	31,850	11.
ROUNDHOG/	100,000	0.010		, 0	220,000	7.00	01,000	
MOODCHUCK	463,755	0.929	8.62	89.1	392,750	9.29	42,299	15.
OTAL DEER	333,973	0.087	1.40	58.9	3,717,211	16.22	229,180	84.0
BUCK	192,406	0.050	0.81	46.6				
DOE	141,567	0.037	0.60	36.9				
ACHERY	37,477	0.046	0.43	28.8	685,831	9.48	72,341	26.
BUCK	20,396	0.024	0.23	18.9				
DOE	17,080	0.022	0.21	16.5				
WZZLELOADER	70,733	0.087	0.59	39.3	765,808	6.81	112,430	41.2
BUCK	49,232	0.060	0.41	31.6				
00E	21,501	0.026	0.18	14.7				
DUN .	225,764	0.095	0.98	50.6	2,265,573	10.30	220,037	80.6
BUCK	122,778	0.052	0.53	37.6				
300	102,985	0.043	0.45	31.1				
MIKEY LY 96-97	49,332	0.071	0.40	28.6	813,934	7.26	112,128	41.1
4PRING 1996 *	24,280	0.056	0.32	25.0	400,195	5.62	71,229	24.4
FALL 1996	30,343	0.060	0.30	26.1	430,026	5.00	86,005	31.5
IPRING 1997	18,989	0.045	0.25	20.4	383,909	5.58	68,824	25.2
HAR	804	0.006	0.04	4.3	108,310	6.61	16,377	6.0
DIAL DUCKS	224,859	1.693	11.92	87.0	130,113	7.04	18,487	6.8
MALLARD	86,709	0.659	4.64	67.9				
W000	45,816	0.341	2.40	52.7	***			
BLACK	20,095	0.154	1.08	35.9				
ALL OTHERS	72,240	0.539	3.79	41.3				****
MAL GEESE	49,634	0.930	4.25	65.2	52,849	4.57	11,554	4.2
HEPT.	19,190	0.931	2.63	54.2	20,396	2.82	7,234	2.6
MARCH	30,443	0.926	3.65	62.2	32,453	3.94	8,239	3.0
HII) FOX	19,190	0.181	1.24	60.0	68,925	6.86	10,047	3.7
HILP FOX	21,501	0.239	1.75	66.3	67,820	7.34	9,244	3.4
DEVOTE.	2,009	0.063	0.29	20.6	15,875	4.65	3,416	1.3
MERCON	140,562	0.555	8.66	84.1	216,219	15.59	13,865	5.1
H-HH-AT	2,713	0.026	0.24	20.0	46,921	9.34	5,024	1.8

		STANDAR	RD ERROR	95% CONFIDEN	CE INTERVAL
SPECIES	TOTAL HARVEST	SE	AS % OF TOTAL *	LOWER LIMIT	UPPER LIMIT
DOVE	1,023,547	56,328	5.5	910,891	1,136,202
QUAIL	135,588	18,553	13.7	98,483	172,694
WOODCOCK	8,741	2,128	24.3	4,486	12,997
RUFFED GROUSE	46,519	5,011	10.8	36,498	56,541
ROW	203,961	29,252	14.3	145,457	262,465
RABBIT	494,372	30,140	6.1	434,093	554,652
TOTAL SQUIRREL	1,385,427	52,978	3.8	1,279,470	1,491,383
			3.8		******
©RAY SQUIRREL	1,228,588	46,701	-	1,135,186	1,321,990
FOX SQUIRREL	156,839	13,614	8.7	129,610	184,068
PROUNDHOG/ WOODCHUCK	463,755	36,747	7.9	390,260	537,249
TOTAL DEER	333,973	9,548	2.9	314,877	353,069
BUCK	192,406	6,160	3.2	180,086	204,726
	·				
DOE	141,567	5,130	3.6	131,307	151,827
ARCHERY	37,477	2,831	7.6	31,814	43,139
BUCK	20,396	1,974	9.7	16,448	24,344
00E	17,080	1,587	9.3	13,907	20,254
MUZZLELOADER	70,733	3,620	5.1	63,494	77,973
BUCK	49,232	2,688	5.5	43,855	54,609
000	21,501	1,709	7.9	18,083	24,919
BUP	225,764	6,979	3.1	211,806	239,721
BUCK	122,778	4,406	3.6	113,966	131,590
300	102,985	4,005	3.9	94,975	110,995
WAKEY LY 96-97	49,332	2,704	5.5	43,923	54,741
1996 **	24,280	1,865	7.7	20,550	28,010
FALL 1096	30,343	1,887	6.2	26,570	34,116
4PRING 1997	18,989	1,601	8.4	15,787	22,192
RASH	804	284	35.3	236	1,371
OTAL DUCKS	224,859	28,315	12.6	168,229	281,490
MALLARD	86,709	12,388	14.3	61,932	111,485
000W	45,816	5,741	12.5	34,334	57,298
BLACK	20,095	3,389	16.9	13,317	26,872
ALL OTHERS	72,240	14,160	19.6	43,920	100,560
HAL GEESE	49,634	8,577	17.3	32,480	66,787
41197	19,190	4,882	25.4	9,427	28,953
HIN - MARCH	30,443	5,281	17.3	19,882	41,005
KON (IIII)	19,190	3,074	16.0	13,043	25,338
HAY FOX	21,501	3,517	16.4	14,466	28,536
insoft.	2,009	618	30.8	773	3,246
BREEDON	140,562	21,099	15.0	98,365	182,759
HIHIAT	2,713	657	24.2	1,399	4,026
* 100 (8E/TOTAL HA	RVEST)	30000	2		

PERCENT HUNTERS PER REGION		26.9	1.6	785	24 5	15	785	106	1.1	785	13.5	12	785		24.8	1.5	785	PERCENT OF	TOTAL	LICENSEES		6.22	0.8	2,717		
TOTAL	000	21,200	1,402	2,717	19.291	1.342	2,717	8.339	901	2.717	10 449	1,005	2,717	40.700	19,392	766,1	2,717				700 00	02,394	2,200	2,717		
AVERAGE SEASONAL DAYS HUNTING	146	C	0.35	211	4.13	0.37	192	4.29	0.57	83	4.55	0.58	104	07.0	0.00	405	200				90 6	0.00	0.0	785		
TOTAL MAN-DAYS	88 04E	610,00	9,488	2,717	79,675	9,062	2,717	35,769	6,109	2,717	47,524	7,539	2,717	74 250	7 645	2 747	1 1 1				247 265	14 053	CCC't	71.77		
PERCENT SUCCESSFUL HUNTERS	82.5	5.00	7.0	211.0	85.9	2.5	192.0	78.3	4.6	83	76.0	4.2	104	86.7	24	195	3				87.0	12	1 10 1	88		
AVERAGE SEASONAL HARVEST	14.67	000	0.98	211	16.72	1.44	192	13.96	1.71	83	14.73	1.60	104	15.75	1.24	195					16.11	0.70	705	2		
AVERAGE DAILY KILL	3.534	0.282	707.0	211	4.048	0.323	192	3.256	0.537	83	3.239	0.475	104	4.157	0.363	195					4.065	0.127	785	8		
TOTAL	322,538	29.914	2 747	7/1/7	330,478	35,823	2,717	121,014	19,175	2,717	159,853	22,612	2,717	320,309	32,750	2,717					1,023,547	56,328	2.717			_
STATISTIC	ESTIMATE	(SE)	2		ESTIMATE	(SE)	z	ESTIMATE	(SE)	2	ESTIMATE	(SE)	z	ESTIMATE	(SE)	z					ESTIMATE	(SE)	z			
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TOTAL AVERAGE HARVEST DAILY KILL
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PERCENT HUNTERS PER REGION		16.9	4.5	71		4.0.4	5.5		, r	2. 4	71	22.8	2.33	5.0	5	19.7	4.8	71	10 1111	TOTAL	LICENSEES		1.3	0.2	2,717		
TOTAL		1,206	347	2,717	000	1,003	747.0		1 105	333	2717	1 608	20.	104	71.7'7	1,407	375	2,717					3,517	591	2,717		
AVERAGE SEASONAL DAYS HUNTING		11.75	7.34	12	0 0	0.30	o a	2	11.36	8.04	1	8.50	9 4	0.00	0	10.14	6.31	14					9.00	2.58	71		
TOTAL MAN-DAYS		14,167	9,405	2,717	45 479	0400	2,717		12.559	9,283	2.717	13.664	0 303	9,505	7,11,	14,267	9,360	2,717					21,099	9,623	2,717		
PERCENT SUCCESSFUL HUNTERS		28.3	14.9	12	777	12.1	84		45.5	15.7	=	43.8	128	16.0	2	42.9	13.7	41					48.6	0.0	77		
AVERAGE SEASONAL HARVEST	100	1.03	0.83	12	080	0.30	18		0.82	0.38	11	0.81	0.31		2	0.64	0.29	14				!	1.17	0.33	71		
AVERAGE DAILY KILL	0.456		0.127	12	0.104	0.075	8		0.072	0.068	=	0.096	0.079	9 9	2	0.063	0.053	4				10,0	0.180	0.049	71		
TOTAL	A 476	024.0	1,904	2,717	3.517	266	2,717		1,809	619	2,717	2,512	730	2.717		1,909	610	2,717				77.6	0,741	2,128	2,717		
STATISTIC	ESTIMATE	TI CAN LO	(SE)	Z	ESTIMATE	(SE)	z		ESTIMATE	(SE)	z	ESTIMATE	(SE)	Z		ESTIMATE	(SE)	z				CCTIMATE	TI CAN DE	(3E)	z		
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PERCENT HUNTERS PER REGION	6.6	1.4	331	2.6	1.6	331	42.0	2.7	331	31.1	2.5	331	10.6	1.7	331	PERCENT OF	TOTAL	LICENSEES	6	0.6	2,717		
TOTAL	2,210	469	2,717	3.215	565	2,717	13,966	1,154	2,717	10,349	1,000	2,717	3,517	591	2,717				24.817	1,506	2,717		
AVERAGE SEASONAL DAYS HUNTING	3.32	0.61	22	3.81	0.56	32	4.55	0.34	139	4.71	0.43	103	3.00	0.44	35				4.59	0.27	331		
TOTAL MAN-DAYS	7,335	2,042	2,717	12.258	2,796	2,717	63,499	7,111	2,717	48,730	6,466	2,717	10,550	2,329	2,717				113,836	9,534	2,717		
PERCENT SUCCESSFUL HUNTERS	54.5	10.9	22	46.9	9.0	32	56.1	4.2	139	56.3	4.9	103	46	8.5	35				54.7	2.7	331		
AVERAGE SEASONAL HARVEST	1.23	0.32	22	1.03	0.26	32	1.84	0.24	139	1.73	0.25	103	1.03	0.24	35				1.74	0.17	331		
AVERAGE DAILY KILL	0.370	0.090	22	0.270	0.131	32	0.405	0.098	139	0.367	0.038	103	0.343	0.070	35				0.380	0.022	331		
TOTAL	4,320	1,120	2,717	4,923	1,198	2,717	28,635	4,011	2,717	19,693	3,162	2,717	5,426	1,243	2,717				46,519	5,011	2,717		
STATISTIC	ESTIMATE	(SE)	z				ESTIMATE	(SE)	z														
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PERCENT HUNTERS PER REGION		17.8	2.3	287		24.4	2.5	/87		60.8	7.4	287	v	15.3	2.1	287		21.0	287	PERCENT OF	TOTAL	LICENSEES	7.0	50	2.717		
TOTAL		471'C	711	2,717	CCC	7,033	030	71.17	000	0,020	0 170	711/5		4,421	199	2,717	0000	782	2,717				19.190	1.339	2.717		
AVERAGE SEASONAL DAYS HUNTING	6	3.00	74.0	51	93.6	9.30	5 5	2	3 07	0.97	8	8		5.14	1.44	44	4 35	0.77	62				4.70	0.48	287		
TOTAL MAN-DAYS	10 402	761.61	400,0	2,717	25.018	4 117	2747	ī	23 913	4.864	7 7 4 7	1	100	70/17	7,136	2,717	27.128	5,828	2,717				90,125	11,060	2,717		
PERCENT SUCCESSFUL HUNTERS	82.4	7 4	t :	51	88	8	02		85.0	4.6	0	3	200	0.50	6.2	44	87.1	4.3	62				88.0	1.9	287		-
AVERAGE SEASONAL HARVEST	8.22	141		51	6.97	1.19	02		7.93	1.57	09		A A8	2	96.0	44	11.08	3.48	62				9.61	1.33	287		
AVERAGE DAILY KILL	2.160	0.326	T T	I.C	1.960	0.339	02		2.000	0.337	09		1 066	2000	0.289	4	2.544	0.631	62				2.046	0.180	287		
TOTAL	47,022	9,474	2747	7111	55,662	10,309	2,717		52,246	11,317	2,717		27.630	E 710	0,710	2,711	82,891	24,025	2,717				203,961	29,252	2,717		
STATISTIC	ESTIMATE	(SE)	Z	:	ESTIMATE	(SE)	z		ESTIMATE	(SE)	Z		ESTIMATE	(SE)	(SE) N		ESTIMATE	(SE)	z				ESTIMATE	(SE)	Z		
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PERCENT HUNTERS PER REGION		4.02	1.4	853	24.4	1	853		20.2	4.1	853	C nt	7.61	1:2	853	19.8	1.4	853	TOTAL	LICENSEES	24.3	0.8	2,717		
TOTAL	11 400	704,11	1,282	2,717	20.898	1.393	2,717	•	17.281	1,276	2.717	13.062	2000	1,118	2,717	16,980	1,265	2,717			66,413	2,247	2,717		
AVERAGE SEASONAL DAYS HUNTING	8	80.0	0.71	174	6.36	0.57	208		6.13	0.57	172	28.7	20.0	0.62	130	5.11	0.51	169			5.96	0.30	853		
TOTAL MAN-DAYS	406 600	200,001	14,653	2,717	132,826	14,767	2,717		105,999	12,504	2,717	75 958	20,000	10,406	2,717	86,809	10,822	2,717			395,965	24,248	2,717		
PERCENT SUCCESSFUL HUNTERS	3.77	0.5	3.2	174	77.9	2.9	208		76.7	3.2	172	75.4	C	3.8	130	74.6	3.4	169			79.6	1.4	853		
AVERAGE SEASONAL HARVEST	6 78		0.73	174	7.01	0.72	208		8.09	0.84	172	641	7000	0.07	130	6.13	0.72	169			6.97	0.38	853		
AVERAGE DAILY KILL	1 113	0 40	0.130	174	1.103	0.099	208		1.320	0.118	172	1.103	0 140	0.1	130	1.199	0.122	169			1.168	0.045	853		
TOTAL	140 666	900 91	000'0	2,717	171,370	18,809	2,717		163,932	18,643	2,717	107.887	14 621	14,021	711,7	130,161	15,678	2,717			494,372	30,140	2,717		
STATISTIC	ESTIMATE	(98)	(35)	z	ESTIMATE	(SE)	Z		ESTIMATE	(SE)	Z	ESTIMATE	(SE)	1) 2	2	ESTIMATE	(SE)	z			ESTIMATE	(SE)	Z		
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PERCENT HUNTERS PER REGION		17.7	1.0	1,455			24.3	1.1	1,455		20.7	1.1	1,455	19.1	1.0	1,455		18.3	1.0	1,455	PERCENT OF	TOTAL	LICENSEES		40.0	6.0	2,717		
TOTAL		25,822	1,533	2,717			35,467	1,761	2,717		30,242	1,544	2,717	27,932	1,588	2,717		26,726	/cc,r	2,717					109,214	2,566	2,717		
AVERAGE SEASONAL DAYS HUNTING		5.54	0.34	257			5.54	0.33	353	20	0.01	24.0	301	6.53	0.43	278	r	0.00	0.32	997					0.10	0.21	1,455		
TOTAL MAN-DAYS		142,973	12,137	2,717			190,425	15,143	2,717	205 870	17 070	20,7	7,717	182,459	15,887	2,717	135 036	14 620	11,020	2,117				074 670	0,0,4,0	3,003	2,717		
PERCENT SUCCESSFUL HUNTERS		4.08	2.1	257	_		4.08	0.	353	88.4	6	2	100	85.6	2.1	278	a u	2.00	200	7007				CO	3.00	0.0	1,455		
AVERAGE SEASONAL HARVEST	4	9.40	0.65	257		10.40	0. T. C.	8	353	10.09	0.61	700	2	10.62	0.74	278	9	0.64	266	2				10.44	233	20.0	1,455	-	
AVERAGE DAILY KILL	1 600	660.	0.10	257		1 877	0 105	200	200	1.482	0.090	303	3	1.626	0.112	278	1.951	0.110	266					1,690	0 040	4 45	1,400		
TOTAL	288 RG1	100,007	177'67	2,717		428.820	29.287	2717	7,7	356,077	26,760	2717	; ;	349,848	29,107	2,717	308,554	24,880	2.717					1,228,588	46.701	2 747	2,11,		
STATISTIC	ESTIMATE	(GE)	(35)	z		ESTIMATE	(SE)	Z		ESTIMATE	(SE)	z		ESTIMATE	(SE)	2	ESTIMATE	(SE)	z					ESTIMATE	(SE)	2	:		
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PERCENT HUNTERS PER REGION	O	4.1	421	13.1	1.6	421	36.1	2.3	421	30.9	2.3	421	000	2.5	421	PERCENT OF	TOTAL	LICENSEES	11.7	0.6	2,717		
TOTAL	3.818	615	2,717	5.526	738	2,717	15,272	1,204	2,717	13,062	1,118	2,717	4 622	4,022 676	2,717				31,850	1,682	2,717		
AVERAGE SEASONAL DAYS HUNTING	5.39	0.83	38	7.15	1.44	55	6.51	0.61	152	6.88	0.74	130	A 25.	0.62	46				7.09	0.48	421		
TOTAL MAN-DAYS	20.597	4,572	2,717	39.486	9,500	2,717	99,368	12,100	2,717	89,923	12,346	2,717	20.005	4 076	2,717				225,663	19,491	2,717		
PERCENT SUCCESSFUL HUNTERS	63.2	7.9	38	56.4	6.7	55	79.6	3.3	152	78.5	3.6	130	0.08	7.3	46				75.1	2.1	421		
AVERAGE SEASONAL HARVEST	3.24	0.88	38	4.07	1.04	55	4.41	0.46	152	4.45	0.50	130	3.57	0.88	46				4.34	0.33	421		
AVERAGE DAILY KILL	009.0	0.162	38	0.570	0.114	22	0.677	0.080	152	0.647	0.087	130	0.820	0.155	46				0.613	0.038	421		
TOTAL HARVEST	19.190	5,042	2,717	29,539	7,208	2,717	79,374	9,637	2,717	71,035	9,064	2,717	23.611	5.694	2,717				156,839	13,614	2,717		
STATISTIC	ESTIMATE	(SE)	z	ESTIMATE	(SE)	z	ESTIMATE	(SE)	Z	ESTIMATE	(SE)	Z	ESTIMATE	(SE)	z				ESTIMATE	(SE)	z		
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	PERCENT HUNTERS PER REGION		16.0	1.4	693	0	777	9. L	693	75.4	10.1	1.6	693	19.3	1.5	693		16.6	1.4	693	TO THE OTHER	TOTAL	LICENSEES	15.5	0.7	2,717			
	TOTAL		11,153	1,037	2,717	46 774	4 77,0	777'1	2,717	17.683	7 280	607'1	2,717	13,463	1,134	2,717		11,554	1,055	2,717				42,299	1,895	2,717			
AVERAGE	SEASONAL DAYS HUNTING		6.54	0.94	111	0 7 7	5 6	77.1	157	α α	900	Ge .	176	7.54	0.85	134		7.37	0.99	115				9.29	0.68	693			
	TOTAL MAN-DAYS		72,943	12,490	2,717	144 070	22 407	22,137	2,/1/	148 098	19.871	1000	2,77,2	101,579	14,262	2,717		85,201	13,806	2,717				392,750	33,682	2,717	-	+	
	PERCENT SUCCESSFUL HUNTERS		0.00	3.3	111	87.3	7.6	10.7	/61	0.06	20	S. I.	0/-	87.3	2.9	134		86.1	3.2	115				89.1	1.2	693			
	AVERAGE SEASONAL HARVEST	9	0.70	0.85	111	6.43	0.76	46.7	/61	7.93	0.84	200	9/-	6.31	99.0	134		8.83	1.56	115				8.62	0.63	693			
	AVERAGE DAILY KILL	100 0	0.00	0.226	111	0.704	0.076	157	70	0.947	0.192	175	2	0.837	0.085	134		1.198	0.168	115				0.929	0.038	693			
	TOTAL HARVEST	04 080	202,202	12,931	2,717	130.013	15.095	2717	7,7	183,464	20,142	2717	111111111111111111111111111111111111111	120,568	12,861	2,717		157,241	26,038	2,717				463,755	36,747	2,717			
	STATISTIC	ESTIMATE	(10)	(35)	z	ESTIMATE	(SE)	Z		ESTIMATE	(SE)	Z	:	ESTIMATE	(SE)	Z		ESTIMATE	(SE)	z				ESIIMAIE	(SE)	z			
	REGION		-	-			2				က				4				2						STATEWIDE				

PERCENT HUNTERS PER REGION	16.3	1.3	872		21.1	1.4	7/0	25.0	1.5	872	17.0	1	872	20.1	4.1	872	PERCENT OF	TOTAL	LICENSEES	26.5	0.8	2,717		
TOTAL	14 267	1.166	2,717	107.07	18,487	777.0	i	22 406	1.438	2717	14 870	1.189	2,717	17.583	1,286	2,717				72.341	2,312	2,717		
AVERAGE SEASONAL DAYS HUNTING	6963	0.79	142	7.50	6.74	184		10.28	0.54	223	9.43	0.68	148	8.58	0.54	175				9.48	0.30	872		
TOTAL MAN-DAYS	137,347	15,832	2,717	104 664	15,007	2.717		230.285	19,092	2.717	140.261	15,046	2,717	150,911	14,594	2,717				685,831	30,653	2,717		
PERCENT SUCCESSFUL HUNTERS	22.5	3.5	142	7 7.6	23.5	184		33.6	3.2	223	22.3	3.4	148	25.1	3.3	175				28.8	1.5	872		
AVERAGE SEASONAL HARVEST	0.39	0.07	142	0.47	0.07	184		0.50	0.00	223	0.34	90.0	148	0.45	20.0	175				0.43	0.03	872		
AVERAGE DAILY KILL	0.040	0.004	142	0.054	0.002	184		0.048	0.001	223	0.036	0.001	148	0.052	0.002	175				0.046	0.001	872		
TOTAL	10,449	1,781	2,717	13.966	2,009	2,717		16,076	2,021	2,717	10,148	1,750	2,717	12,559	1,993	2,717				37,477	2,831	2,717		
STATISTIC	ESTIMATE	(SE)	z	ESTIMATE	(SE)	Z		ESTIMATE	(SE)	z	ESTIMATE	(SE)	z	ESTIMATE	(SE)	z				ESTIMATE	(SE)	z		
REGION		-			2				က			4			co.						STATEWIDE			

PERCENT HUNTERS PER REGION	16.3	1.3	872	24.4	4	872	25.6	1.	872	17.0	د .	872	20.1	1.02	872	PERCENT OF	TOTAL	LICENSEES	26.5	0.8	2,717		
TOTAL	14 267	1,166	2,717	18 487	1.316	2,717	22,406	1,438	2.717	14,870	1,189	2,717	17.583	1,286	2,717				72.341	2,312	2,717		
AVERAGE SEASONAL DAYS HUNTING	6963	0.79	142	8.74	0.52	184	10.28	0.54	223	9.43	0.68	148	80	0.54	175				9.48	0.30	872		
TOTAL MAN-DAYS	137.347	15,832	2,717	161.661	15.007	2,717	230,285	19,092	2,717	140,261	15,046	2,717	150.911	14,594	2,717				685.831	30,653	2,717		
PERCENT SUCCESSFUL HUNTERS	16.2	3.1	142	19.0	2.9	184	21.1	2.7	223	12.8	2.8	148	18.3	2.9	175				18.9	1.3	872		
AVERAGE SEASONAL HARVEST	0.23	0.05	142	0.27	0.05	184	0.25	0.04	223	0.17	0.04	148	0.25	0.05	175				0.23	0.05	872		
AVERAGE DAILY KILL	0.023	0.005	142	0.030	0.005	184	0.024	0.004	223	0.018	0.004	148	0.029	0.005	175				0.024	0.002	872		
TOTAL	6,531	1,482	2,717	8,339	1,590	2,717	8,942	1,564	2,717	5,928	1,441	2,717	7,536	1,540	2,717				20,396	1,974	2,717		
STATISTIC	ESTIMATE	(SE)	z	ESTIMATE	(SE)	z	ESTIMATE	(SE)	z	ESTIMATE	(SE)	Z	ESTIMATE	(SE)	z				ESTIMATE	(SE)	z		
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PERCENT HUNTERS PER REGION		16.3	1.3	872		21.1	14	872	920	4.5	C.	8/2		17.0	1.3	872		20.1	1.4	872	PERCENT OF	TOTAL	LICENSEES		26.5	0.8	2,717	
TOTAL		14,267	1,166	2,717		18,487	1.316	2,717	22 ANS	1 438	1,130	2,117	44.070	14,0/0	1,189	2,717		17,583	1,286	2,717					72,341	2,312	2,717	
AVERAGE SEASONAL DAYS HUNTING		9.63	0.79	142		8.74	0.52	184	10.28	0.54	223		0.43	Cr. o	0.00	2		8.58	0.54	175				9	04.0	0.30	8/2	
TOTAL MAN-DAYS	100 100	197,347	15,832	2,717		161,661	15,007	2,717	230,285	19,092	2717		140 261	15,048	2 717	ī		150,911	14,594	2,717				685 924	30.663	20,000	2,117	
PERCENT SUCCESSFUL HUNTERS	100	2 6	7.7	142		15.8	2.7	184	19.7	2.7	223		14.2	2.0	148			13.7	2.6	175				, a	7	2.0	1	
AVERAGE SEASONAL HARVEST	0.16	200	5	142		0.21	0.04	184	0.25	0.04	223		0.17	0.04	148			0.19	0.04	175				0.21	0.02	872		
AVERAGE DAILY KILL	0.017	0.004	142	74		0.024	0.005	184	0.024	0.004	223		0.018	0.004	148			0.023	0.005	175				0.022	0.002	872		
TOTAL	3,918	768	2747	11.15	100	729'6	947	2,717	7,134	1,021	2,717		4,220	761	2,717			5,024	910	71.17				17,080	1,587	2,717		
STATISTIC	ESTIMATE	(SE)	Z		ESTIMATE	UNIVE COLUMN	(SE)	Z	ESTIMATE	(SE)	z		ESTIMATE	(SE)	z		Tit 4 a si it.	(SE)	3					ESTIMATE	(SE)	z		
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PERCENT HUNTERS PER REGION	13.2	6.0	1.407	1,00	1.7	1.407	24.5	1.	1.407	21.8	1.1	1,407	17.8	0.	1,407	PERCENT OF	TOTAL	LICENSEES	41.0	0.0	2,717		
TOTAL	18.688	1,323	2.717	32 OE4	1.686	2,717	34,663	1,744	2,717	30,845	1,658	2,717	25.118	1,514	2,717				112 430	2,578	2,717		
AVERAGE SEASONAL DAYS HUNTING	6.40	0.34	186	8 70	0.25	319	7.23	0.28	345	7.35	0.38	307	5.99	0.24	250				6.84	0.16	1,407		
TOTAL MAN-DAYS	119,563	10,521	2,717	217 525	14,035	2,717	250,681	15,887	2,717	226,567	16,943	2,717	150.408	10,817	2,717				765.808	25,100	2,717		
PERCENT SUCCESSFUL HUNTERS	32.3	3.4	186	42.0	2.8	319	35.4	2.6	345	34.5	2.7	307	40.8	3.1	250				39.3	1.3	1,407		
AVERAGE SEASONAL HARVEST	0.51	0.07	186	0.67	0.00	319	0.53	0.05	345	0.48	0.05	307	0.61	90.0	250				0.59	0.03	1,407		
AVERAGE DAILY KILL	0.080	0.003	186	0.099	0.000	319	0.074	0.000	345	0.065	0.000	307	0.102	0.003	250				0.087	0.001	1,407		
TOTAL	11,454	1,605	2,717	25,319	2,341	2,717	20,497	2,036	2,717	16,980	1,736	2,717	17,382	1,896	2,717				70,733	3,620	2,717		
STATISTIC	ESTIMATE	(SE)	z				ESTIMATE	(SE)	z														
REGION		-			2			က			4			2						STATEWIDE			

REGION	STATISTIC	TOTAL	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MAN-DAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL	PERCENT HUNTERS PER REGION
	ESTIMATE	7,234	0.052	0.33	24.2	119,563	6.40	18,688	13.2
-	(SE)	1,111	0.008	0.02	3.1	10,521	0.34		0.9
	z	2,717	186	186	186	2,717	186	2,717	1,407
	ESTIMATE	17,683	0.069	0.47	35.4	217,525	6.79	32,051	22.7
2	(SE)	1,731	0.006	0.04	2.7	14,035	0.25	1,686	1.1
	z	2,717	319	319	319	2,717	319	2,717	1,407
	ESTIMATE	14,971	0.055	0.40	(4)		7.23	60	24.5
က	(SE)	1,507	0.005	0.04	2.5	15,887	0.28	1,744	1.1
	z	2,717	345	345	345	2,717	345	2,717	1,407
	ESTIMATE	11,655	0.046	0.34	28.0	226,567	7.35	30,845	21.8
4	(SE)	1,251	0.005	0.03	2.6	16,943	0.38	1,658	7.
	z	2,717	307	307	307	2,717	307	2,717	1,407
	ESTIMATE	11.353	0.067	0.40	32.0	150 408	200	25 118	17.8
5	(SE)	1,327	0.007	0.04			0.24		1.0
	z	2,717	250	250	250	2,717	250	2,717	1,407
									DEDCENTOR
									TOTAL
									LICENSEES
	ESTIMATE	49,232	0.060	0.41	31.6	765,808	6.81	112,430	41.2
STATEWIDE	(SE)	2,688	0.002	0.21	1.2	25,100	0.16	2,578	0.0
	z	2,717	1,407	1,407	1,407	2,717	1,407	2,717	2,717

PERCENT HUNTERS PER REGION	13.2	0.0	1,407	22.7	1.1	1,407	24.5	1.1	1,407	21.8	1.1	1,407	17.8	1.0	1,407	PERCENT OF	TOTAL	LICENSEES	3	6.0	2.717		
TOTAL	18,688	1,323	2,717	32.051	1,686	2,717	34,663	1,744	2,717	30,845	1,658	2,717	25,118	1,514	2,717				000	2.578	2.717		
AVERAGE SEASONAL DAYS HUNTING	6.40	0.34	186	6.79	0.25	319	7.23	0.28	345	7.35	0.38	307	5.99	0.24	250				100	0.16	1,407		
TOTAL MAN-DAYS	119,563	10,521	2,717	217,525	14,035	2,717	250,681	15,887	2,717	226,567	16,943	2,717	150,408	10,817	2,717				200	25.100	2,717		
PERCENT SUCCESSFUL HUNTERS	13.4	2.5	186	16.0	2.1	319	10.1	1.6	345	11.1	1.8	307	17.6	2.4	250					6.0	1,407		
AVERAGE SEASONAL HARVEST	0.18	0.04	186	0.20	0.03	319	0.13	0.02	345	0.14	0.03	307	0.20	0.03	250				07.0	0.01	1,407		
AVERAGE DAILY KILL	0.028	9000	186	0.030	0.004	319	0.018	0.003	345	0.019	0.003	307	0.034	0.005	250				9000	0.002	1,407		
TOTAL	4,220	849	2,717	7,636	1,024	2,717	5,526	868	2,717	5,325	864	2,717	6,028	868	2,717				24 504	1,709	2,717		
STATISTIC	ESIIMAIE	(SE)	z	ESTIMATE	(SE)	z				ECTIMATE	(SE)	z											
REGION		-			2			က			4			2						STATEWIDE			

PERCENT TOTAL HUNTERS HUNTERS PER REGION	34.663		2,	55,361 27.2	2,106 1.0	2,717 2,026	38,883	1,831 0.9	2,717 2,026	36,472	1,782 0.9	2,717 2,026	38,180	1,817 0.9	2,717 2,026	PERCENT OF	TOTAL	LICENSEES	220,037 80.6		2,717 2,717	
AVERAGE SEASONAL DAYS HUNTING	12.72	0.44	345	10.63	0.32	551	7.62	0.25	387	7.90	0.25	363	11.33	0.38	380				10.30	0.17	2,026	
TOTAL MAN-DAYS	650,766	34,430	2,717	763,999	33,631	2,717	421,988	21,115	2,717	418,170	21,124	2,717	619,519	31,369	2,717				2,265,573	4,406	2,717	
PERCENT SUCCESSFUL HUNTERS	80.9	2.1	345	66.1	2.0	551	58.7	2.5	387	65.0	2.5	363	72.1	2.3	380				50.6	1.1	2,026	
AVERAGE SEASONAL HARVEST	1.17	0.07	345	96.0	0.05	551	0.71	0.05	387	0.74	0.04	363	1.00	90.0	380				0.98	0.03	2,026	
AVERAGE DAILY KILL	0.092	0.008	345	0.090	9000	551	0.094	0.010	387	0.093	0.009	363	0.088	0.007	380				0.095	0.003	2,026	
TOTAL	64,403	4,465	2,717	75,255	4,302	2,717	44,610	3,538	2,717	43,505	2,978	2,717	59,480	3,924	2,717				225,764	6,979	2,717	
STATISTIC	ESTIMATE	(SE)	z	ESTIMATE	(SE)	z	ESTIMATE	(SE)	z	ESTIMATE	(SE)	z	ESTIMATE	(SE)	z				ESTIMATE	(SE)	z	
REGION		-			2			က			4			2						STATEWIDE		

87.8 65 1.8 3 345 78.8 76 1.7 3 551 551 2.5 2 387 43.9 42 43.9 42 43.9 42 2.5 2	0.63 0.04 0.03 0.03 0.03 0.03 363 363	0.049 0.005 0.005 0.004 0.005 0.005 0.005 387 387 387 383 363	2,659 2,659 2,717 2,717 2,717 2,717 2,717 2,717 2,717 2,717 2,717	
1.8 345 78.8 7 1.7 1.7 551 551 551 43.9 4 43.9 4 43.9 4 43.9 4	0.04 0.63 0.03 0.04 0.04 0.04 0.04 0.03 363 363	345 345 345 0.005 0.005 0.005 387 387 383 363		2,659 2,717 41,496 2,570 2,717 26,123 2,414 2,717 24,716 1,901
345 78.8 7 1.7 551 551 43.9 4 43.9 4 43.9 4 43.9 4 43.9 4	345 0.03 0.03 0.04 0.04 387 363 363 0.03	345 0.0050 0.004 551 551 387 387 0.005 363		
78.8 7 1.7 551 551 43.9 4 43.9 4 43.9 4 43.9 4 43.9 4 2.5 2.5 2.6 2.6	0.63 0.03 0.04 0.04 0.03 363 363 363	0.005 0.004 551 551 0.005 0.005 363		
78.8 7 1.7 551 551 43.9 4 2.5 387 47.7 4	0.63 0.03 0.04 0.04 0.04 0.03 363 363	0.050 0.004 551 0.005 387 383 363		
43.9 4.9 4.4 4.9 4.4 4.7 4.4 4.7 7.7 4.7 4	0.03 0.042 0.042 0.03 363 363 0.054	551 551 0.055 0.005 387 387 0.006 363		
551 43.9 4 2.5 387 47.7 4	0.42 0.042 0.042 0.03 363 363	387 387 387 363 363		
43.9 43.9 2.5 387 47.7 4	0.42 0.04 387 363 363 363 0.54	387 387 387 363 363		
387 387 47.7 4	0.04 387 387 0.03 363 363	387		
387 387 4	0.04 0.03 363 363 363 0.04 0.04	387		
387 47.7 4	387 0.42 0.03 363 363 0.54	387	0 0	
47.7	0.42 0.03 363 363 0.54 0.04	.0053	00	
2.6	0.42 0.03 363 0.54 0.04	363		
2.6	363	363		
-	363	363		2,717
363 2,717	0.54	+		
	0.54			
53.9 619,519	0.04	0.048		
2.6 31,369		0.004		
380 2,717	380	380		2,717
		+		
37.6 2,265,573	0.53	0.052	o	122,778 0.
1.1 4,406	0.05	0.002	Ö	4,406 0.
2,026 2,717	2,026	2,026	2,	2,717 2,

AVERAGE PERCENT SEASONAL SUCCESSFUL TOTAL DAYS TOTAL HUNTERS HUNTERS PERCENT HUNTERS PER REGION	0.55 54.2 650,766 12.72 34,663	0.44	345 2,717 345 2,717	0.43 39.6 763,999 10.63 55,361	0.03 2.1 33,631 0.32 2,106	551 551 2,717 551 2,717	0.30 32.0 421,988 7.62 38.883	2.4 21,115 0.25	387	0.32 35.8 418,170 7.90 36,472	0.25	363 363 2,717 363 2,717	0.46 46.1 619,519 11.33 38,180	0.03 2.6 31,369 0.38 1,817	380 380 2,717 380 2,717	PERCENT OF	TOTAL	LICENSEES	0.45 31.1 2,265,573 10.30 220,037	0.02 1.0 4,406 0.17 2,071	2,026 2,026 2,717 2,026 2,717	
AVERAGE S	0.043	0.005	345	0.040	0.003	921	0.039	0.005	387	0.041	0.005	363	0.040	0.004	380				0.043	0.002	2,026	
TOTAL	29,640	2,443	2,717	33,759	2,314	2,717	18,487	1,791	2,717	18,789	1,706	2,717	26,826	2,124	2,717				102,985	4,005	2,717	
STATISTIC	ESTIMATE	(SE)	z	ESTIMATE	(SE)	Z	ESTIMATE	(SE)	z	ESTIMATE	(SE)	Z	ESTIMATE	(SE)	z				ESTIMATE	(SE)	Z	
REGION		•			2			3			4			50						STATEWIDE		

SUCCESSFUL TOTAL MAN SEASONAL DAYS					TO A GENT			LOSGLA		
ESTIMATE 333.973 0.087 1.40 58.9 3,717.211 16.22 229,180 1.92 1.923 1.923 1.9248 0.002 0.04 1.0 74,031 0.27 1.923 1.923 1.9248 0.002 0.04 2.281 2.717 2.281 2.281 2.717 2.281 2.717 2.281 2.717 2.281 2.281 2.717 2.281 2.281 2.717 2.281 2.281 2.281 2.717 2.281 2.281 2.281 2.717 2.281 2.281 2.717 2.281 2.281 2.717 2.281 2.281 2.717 2.281 2.281 2.717 2.717		STATISTIC	TOTAL	AVERAGE DAILY KILL	SEASONAL HARVEST	SUCCESSFUL HUNTERS	₹	AVERAGE SEASONAL DAYS HUNTING	TOTAL	PERCENT OF TOTAL LICENSEES
STATISTIC TOTAL AVERAGE TOTAL AVERAGE		ESTIMATE	333 073	7800	1 40	008	2 747 044	76.00	700 400	044
Color Colo	STATEWINE	(SE)	0.548	0.00	200	20.00	74.034	10.22	4 000	04.0
STATISTIC		20 2	2,717	2,281	2,281	2,281	2,717	2,281	1,923 2,717	2,717
STATISTIC	E E E	PANDED STATE	WIDE SUMMARY	Colored States	EER (BUCKS)	HUNTING IN V	IRGINIA DUR	ING THE 1996-97	HUNTINGS	EASON
SESTIMATE 192,406 0.050 0.81 46.6 3,717,211 16.22 229,180 1.0 74,031 0.27 1,923 1.0 74,031 0.27 1,923 1.0 74,031 0.27 1,923 1.0 74,031 0.27 1,923 1.0 74,031 0.27 1,923 1.0 74,031 0.27 1,923 1.0 74,031 0.27 1,923 1.0 74,031 0.27 1,923 1.0 74,031 0.27 1,923 1.0 74,031 0.27 1,923 1.0 0.27 1,923 0.0		STATISTIC	TOTAL	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MAN-DAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL	PERCENT OF TOTAL
STATISTIC Color		ESTIMATE	192.406	0.050	0.84	46.6	3 717 911	16.22	229 180	0.84
N 2,717 2,281 2,281 2,717 2,281 2,717 2,281 2,717	STATEWIDE	(SE)	6,160	0.002	0.03	10	74.031	0.27	1 923	7.0
EXPANDED STATEWIDE SUMMARY OF TOTAL DEER (DOES) HUNTING IN VIRGINIA DURING THE 1996-97 HUNTING SEASONAL STATISTIC HARVEST DAILY KILL HARVEST HUNTERS HAN-DAYS DAYS HUNTING HUNTERS ESTIMATE 141,567 0.037 0.60 36.9 3,717,211 16.22 229,180 DE (SE) 5,130 0.001 0.02 1.0 74,031 0.27 1,923 N 2,717 2,281 2,281 2,717		Z	2,717	2,281	2,281	2,281	2,717	2,281	2,717	2,717
STATISTIC HARVEST AVERAGE SEASONAL PRICESFUL PERCENT TOTAL SEASONAL SUCCESSFUL TOTAL SEASONAL TOTAL SEASONAL SEASONAL HUNTERS TOTAL HUNTERS	(P. 10 10 10 10 10 10 10 10 10 10 10 10 10	PANDED STATE	MIDE SUMMARY	Marie and	EER (DOES) H	IUNTING IN VIE	RGINIA DURIN	IG THE 1996-97	HUNTING SE	ASON
ESTIMATE 141,567 0.037 0.60 36.9 3,717,211 16.22 229,180 (SE) 5,130 0.001 0.02 1.0 74,031 0.27 1,923 N 2,717 2,117 2,281 2,281 2,717 2,717		STATISTIC	TOTAL	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL	AVERAGE SEASONAL DAYS HUNTING	TOTAL	PERCENT OF TOTAL
(SE) 5,130 0.001 0.02 1.0 74,031 0.27 N 2,717 2,281 2,281 2,281 2,281		ESTIMATE	141.567	0 037	090	96	3 717 911	16 22	220 180	O Pa
2,717 2,281 2,281 2,717 2,281	STATEWIDE	(SE)	5,130	0.001	0.05	1.0	74,031	0.27	1.923	0.7
		z	2,717	2,281	2,281	2,281	2,717	2,281	2,717	2,717
							-			

PERCENT HUNTERS PER REGION	47.9		- 020	200		24.2	1.4 0-10	84.8	7 40	1.5	070	5	20.01	- 100	879		17.0	879	TOTAL	LICENSEES		24.4	0.8	2,717	
TOTAL	45 ROA	1.246	2747	2,111		4 457	1,437	7,111	22 562	1 469	2717	ī	15.388	1.230	2,717	46.400	13,432	2,717				622,17	2,328	2,717	
AVERAGE SEASONAL DAYS HUNTING	5 43	0.44	152		1	3.77	0.37	2	5.34	0.35	217		5.32	0.42	148	20	0.60	149			2 2	3.02	0.21	6/8	
TOTAL MAN-DAYS	85.881	902'6	2.717		127 996	11.754	2717	ī	120,503	11,191	2.717		81,930	9,203	2,717	77 563	8.722	2,717			400 405	19 330	20.0	2,717	
PERCENT SUCCESSFUL HUNTERS	23.0	3.4	152		8 40	3.0	213		20.3	2.7	217		14.9	2.9	148	22.8	3.4	149			25.0	2 7	2.00	6	
AVERAGE SEASONAL HARVEST	0.30	0.05	152		0.34	0.04	213		0.25	0.04	217		0.17	0.04	148	0.28	0.05	149			0.32	0.02	07.0		
AVERAGE DAILY KILL	0.056	0.007	152		0.059	0.007	213		0.047	900.0	217		0.032	0.006	148	0.056	0.008	149			0.056	0.003	879		
TOTAL	6,030	622	2,717		8,734	1,146	2,717		6,758	984	2,717		3,743	702	2,717	5,718	906	2,717			24,280	1,865	2.717		
STATISTIC	ESTIMATE	(SE)	z		ESTIMATE	(SE)	Z		ESTIMATE	(SE)	z		ESTIMATE	(SE)	Z	ESTIMATE	(SE)	z			ESTIMATE	(SE)	z		
REGION		-				2				8				4			2					STATEWIDE			

SETIMATE 5,526 0.043 0.20 N	PERCENT SUCCESSFUL HUNTERS M	S TOTAL MAN-DAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL	PERCENT HUNTERS PER REGION
791 0.008 2,717 167 13,765 0.071 1,341 0.008 2,717 312 1,099 0.007 2,717 277 2,717 217 2,717 217 2,717 217 2,717 199 1,026 0.008 2,717 199 2,717 199 1,887 0.003 1,172 1,172 2,717 1,172	20.4	\prod_{σ}	4 78	16 770	44.0
13,765 0.071 13,765 0.071 1,341 0.008 1,341 0.008 2,717 312 2,717 277 2,717 217 2,717 217 2,717 199 8,540 0.052 1,026 0.008 2,717 199 1,026 0.008 1,026 0.008 2,717 199		11,026	0.55	1,258	1.0
13,765 0.071 1,341 0.008 2,717 312 1,099 0.007 2,717 277 2,717 277 2,717 217 2,717 217 2,717 199 8,540 0.005 8,540 0.005 1,026 0.008 2,717 199 1,026 0.008 2,717 199		2,717	167	2,717	1,172
13,765 0.071 1,341 0.008 2,717 312 1,099 0.007 2,717 277 2,717 277 2,717 217 2,717 199 6,229 0.038 8,540 0.062 1,026 0.008 2,717 199 2,717 199 2,717 199					
9,545 0.008 1,099 0.007 2,717 277 2,717 277 2,717 217 2,717 217 2,717 217 2,717 199 8,540 0.052 1,026 0.008 2,717 199 30,343 0.060 (0.003 1,887 0.003 (0.003 2,717 1,172 1,172 1,172	29.5	156,336	4.99	31.348	26.6
9,545 0.054 1,099 0.007 2,717 277 8,44 0.006 2,717 217 2,717 217 1,026 0.008 8,540 0.052 1,026 0.008 2,717 199 2,717 199 2,717 199	2.6	12,742	0.31	1,670	1.3
9,545 0.054 1,099 0.007 2,717 277 2,717 217 2,717 217 2,717 217 2,717 199 8,540 0.052 1,026 0.008 2,717 199 2,717 199 2,717 199 30,343 0.060 (9		2,717	312	2,717	1,172
9,545 0.054 1,099 0.007 2,717 277 2,717 277 8,44 0.006 2,717 217 2,717 199 8,540 0.052 1,026 0.008 2,717 199 2,717 199 2,717 199 2,717 199					
1,099 0.007 2,717 277 2,717 277 844 0.006 2,717 217 2,717 199 2,717 1,026 0.008 2,717 1,99 30,343 0.060 (1,887 0.003 (2,717 1,172 1,	22.4	134,936	4.85	27,831	23.6
6,229 0.038 844 0.006 2,717 217 2,717 217 1,026 0.008 2,717 199 30,343 0.060 (1,887 0.003 1,887 0.003 (1,887 0.003	2.5	11,471	0.31	1,585	1.2
6,229 0.038 844 0.006 2,717 217 217 1,026 0.008 2,717 199 2,717 199 30,343 0.060 (1,887 0.003 (2,717 1,172 1,	772	2,717	277	2,717	1,172
6,229 0.038 844 0.006 2,717 217 217 1,026 0.062 1,026 0.008 2,717 199 30,343 0.060 (1,887 0.003 (2,717 1,172 1,					
844 0.006 2,717 217 8,540 0.052 1,026 0.008 2,717 199 30,343 0.060 (1,887 0.003 (2,717 1,172 1,	17.5	101,579	4.66	21.803	18.5
2,717 217 8,540 0.052 1,026 0.008 2,717 199 30,343 0.060 (1,887 0.003 (2,717 1,172 1,	2.6	10,380	0.37	1,420	1.1
8,540 0.052 1,026 0.008 2,717 199 30,343 0.060 (1,887 0.003 (2,717 1,172 1,	217	2,717	217	2,717	1,172
8,540 0.052 1,026 0.008 2,717 199 30,343 0.060 (1,887 0.003 (2,717 1,172 1,					
1,026 0.008 2,717 199 30,343 0.060 1,887 0.003 (2,717 1,172 1,	26.6	113.736	5.69	19.994	17.0
30,343 0.060 0 1,887 0.003 0 2,717 1,172 1,		12,166	0.47	1,365	1.1
30,343 0.060 1,887 0.003 2,717 1,172	199	2,717	199	2,717	1,172
30,343 0.060 1,887 0.003 2,717 1,172					TO THE
30,343 0.060 1,887 0.003 2,717 1,172					TOTAL
30,343 0.060 1,887 0.003 2,717 1,172					LICENSEES
1,887 0.003	26.1	430.026	5.00	86.005	31.5
2,717 1,172	1.3	19,450	0.18	2,433	0.0
	1,172	2,717	1,172	2,717	2,717

			AVERAGE	PERCENT		AVERAGE SEASONAL		PERCENT
	TOTAL	AVERAGE DAILY KILL	SEASONAL	SUCCESSFUL	TOTAL MAN-DAYS	DAYS	TOTAL	HUNTERS PER REGION
1	6,129	0.060	0.31	21.6	86,005	5.28	16.277	17.6
	1,003	0.008	0.02	3.2		0.40		
	2,717	162	162	162	2,717	162		
ESTIMATE	6,028	0.044	0.24	19.9	117,453	5.41	21.702	23.5
	925	0.006	0.04	2.7		0.35		4.1
	2,717	216	216	216		216		921
ESTIMATE	5,727	0.043	0.21	17.5	114,238	4.99	22,908	24.8
	606	0.006	0.03	2.5	10,556	0.34		
	2,717	228	228	228	2,717	228	2,717	921
ESTIMATE	3,115	0.031	0.16	13.8	77,365	5.07	15,272	16.5
	656	0.007	0.03	2.8	8,912	0.43	1,204	1.2
	2,717	152	152	152	2,717	152	2,717	921
ESTIMATE	4,823	0.049	0.25	20.2	83,292	5.09	16,377	17.71
	836	200.0	0.04	3.2	8,986	0.39		1.3
	2,717	163	163	163	2,717	163	2,717	921
								PERCENT OF
								TOTAL
								LICENSEES
ESTIMATE	18,989	0.045	0.25	20.4	383,909	5.58	68,824	25.2
-	1,601	0.002	0.02	1.3	19,184	0.21	2,275	0.8
	2,717	921	921	921	2,717	921	2,717	2,717

PERCENT HUNTERS PER REGION		10.9	1.90	197		18.7	2.4		18.7	24	267	33.3	2.9	267	787	10.4	267	PERCENT OF	TOTAL	LICENSEES	ď	0.5	2717	i	
TOTAL	2000	418,2	2717	2,116		5,02	2 717	ī	5.024	704	2,717	8.942	932	2,717	4 923	270'1	2,717				16.377	1,244	2.717		
AVERAGE SEASONAL DAYS HUNTING	8 07	2.30	20	3	r F	1.70	 		7.36	1.38	50	7.62	1.00	88	8.33	1.46	49				6.61	0.63	267		
TOTAL MAN-DAYS	26 123	8.175	2.717	ī	20 00	00,304	2,717		36,974	8,620	2,717	68,121	11,403	2,717	40,993	9,179	2,717				108,310	13,216	2,717		
PERCENT SUCCESSFUL HUNTERS	0.0	0.0	29		7	8.0	20		2.0	2.0	20	4.5	2.2	88	0.0	0.0	49				4.3	1.2	267		
AVERAGE SEASONAL HARVEST	0.00	0.00	29		0.04	0.03	20		0.02	0.02	20	0.04	0.02	88	00.0	0.00	49				0.04	0.02	267		
AVERAGE DAILY KILL	0.000	0.000	29		0.005	0.004	20		0.003	0.003	20	0.008	0.003	88	0.000	0.000	64				0.006	0.002	267		
TOTAL	0	0	2,717		201	142	2,717		201	142	2,717	402	201	2,717	0	0	2,717				804	284	2,717		
STATISTIC	ESTIMATE	(SE)	z		ESTIMATE	(SE)	Z		ESTIMATE	(SE)	z	ESTIMATE	(SE)	z	ESTIMATE	(SE)	Z				ESTIMATE	(SE)	z		
REGION		-				2				8			4			2						STATEWIDE			

PERCENT HUNTERS PER REGION	52.5	3.5	204	16.2	2.6	204	7.8	1.9	204	3.9	1.4	204		19.6	2.8	204	PERCENT OF	TOTAL	LICENSEES		8.9	0.5	2,717			
TOTAL	10 751	1,019	2,717	3.316	574	2,717	1,608	401	2,717	804	284	2,717		4,019	631	2,717					18,487	1,316	2,717		,	
AVERAGE SEASONAL DAYS HUNTING	8.25	0.79	107	5.42	0.74	33	3.94	0.65	16	4.13	1.03	80		5.43	99.0	40				1	7.04	0.51	204			
TOTAL MAN-DAYS	88.718	11,897	2,717	17 985	3,945	2,717	6,330	1,879	2,717	3,316	1,402	2,717		21,803	4,313	2,717					130,113	13,169	2,717			
PERCENT SUCCESSFUL HUNTERS	86.0	3.4	107	80	6.8	33	81.3	10.1	16	75.0	16.4	80		85.0	5.7	40					0.78	2.4	204			
AVERAGE SEASONAL HARVEST	14.79	1.98	107	8.67	2.02	33	8.56	3.41	16	10.63	6.25	8		9.78	2.10	40				1	11.92	1.27	204			
AVERAGE DAILY KILL	1.792	0.150	107	1.598	0.307	33	2.175	0.642	16	2.576	1.174	8		1.802	0.266	9					1.093	0.102	204	1		
TOTAL HARVEST	162,867	26,148	2,717	30.142	8,306	2,717	14,569	6,338	2,717	9,344	5,604	2,717		40,089	10,366	2,717				0.00	60,477	28,315	2,717			
STATISTIC	ESTIMATE	(SE)	z	ESTIMATE	(SE)	z	ESTIMATE	(SE)	Z	ESTIMATE	(SE)	z		ESTIMATE	(SE)	z					EST IMAILE	(SE)	z	†		
REGION		-			2			က			4				2							SIAIEWIDE				

PERCENT HUNTERS PER REGION		52.5	6.5	204		16.2	2.6	204	7.0	7.0	204	6	4.	204		0.92	204	TO THE CORD	TOTAL	LICENSEES		Ø. 0	0.0	2,717	
TOTAL	10.754	10,731	5 1	2,717		3,316	5/4	2,717	408	401	2.717	804	284	2,717	7 040	631	2,717				107 07	10,407	010	2,717	
AVERAGE SEASONAL DAYS HUNTING	30.8	67.0	2	201		3.42	0.74	3	3 94	0.65	16	4.13	1.03	8	5 43	0.66	40				100	0.54		204	
TOTAL MAN-DAYS	88 718	11.897	2 747	2,717	11 001	2005,71	0,340	i	6.330	1,879	2,717	3,316	1,402	2,717	21.803	4,313	2,717				120 113	13.169	17.	7117'5	
PERCENT SUCCESSFUL HUNTERS	69.2	5.4	107	2	100	200.0	5 8		68.8	12.0	16	75.0	16.4	80	57.5	7.9	40				67.0	3.3	700	107	
AVERAGE SEASONAL HARVEST	5.52	0.90	107		3 73	1 10	2 88		4.75	2.18	16	6.63	4.12	80	4.78	1.31	40				4 64	0.58	204		
AVERAGE DAILY KILL	0.669	0.088	107		0.687	0.201	33		1.206	0.589	16	1.606	0.804	80	0.880	0.190	4				0.659	090.0	204		
TOTAL HARVEST	60,284	11,155	2,717		12.660	4,199	2,717		7,937	3,893	2,717	5,627	3,630	2,717	19,492	6,004	2,717				86,709	12,388	2.717		
STATISTIC	ESTIMATE	(SE)	z		ESTIMATE	(SE)	z		ESTIMATE	(SE)	Z	ESTIMATE	(SE)	z	ESTIMATE	(SE)	z				ESTIMATE	(SE)	z		
REGION		-				2				8			4			50						STATEWIDE			

PERCENT HUNTERS PER REGION	, c	32.3	5	5	16.2	2.6	204	7.8	1.9	204	0	1 4	204		19.6	2.8	204	PERCENT OF	TOTAL	LICENSEES		6.8	0.5	2,717		
	10.754	1010	2747	2,17	3,316	574	2,717	1.608	401	2,717	804	284	2.717		4,019	631	2,717			SI I		18,487	1,316	2,717		
TOTAL					2	₹	6	4	150	60			0 00			"										
AVERAGE SEASONAL DAYS HUNTING	30.8	0.29	107	2	5.42	0.74	33	3.94	0.65	16	4.13	1.03			5.43	0.66	40					7.04	0.51	204		
TOTAL MAN-DAYS	88 718	11.897	2 717	i	17,985	3,945	2,717	6,330	1,879	2,717	3.316	1.402	2,717		21,803	4,313	2,717					130,113	13,169	2,717		
PERCENT SUCCESSFUL HUNTERS	0.67	8	107		97.6	8.7	33	50.0	12.9	16	37.5	18.3	8		70.0	7.3	40				1	7.70	G.50	204		
AVERAGE SEASONAL HARVEST	2.25	0.35	107		2.30	0.55	33	1.88	0.66	16	1.75	0.88	80		3.03	0.53	40				4	2.40	0.70	204		
AVERAGE DAILY KILL	0.273	0.038	107		0.425	0.082	33	0.476	0.145	16	0.424	0.173	80		0.558	0.071	40				277	1000	0.029	204		
TOTAL	25.621	4,502	2,717		8,038	2,237	2,717	3,416	1,309	2,717	1,809	875	2,717		12,559	2,841	2,717				45 040	744	14.0	2,717		
STATISTIC	ESTIMATE	(SE)	z		ESTIMATE	(SE)	z	ESTIMATE	(SE)	z	ESTIMATE	(SE)	z		ESTIMATE	(SE)	z				ECTIMATE	(8E)	(35)	Z		
REGION		-				2			က			4				သ						STATEWINE				

Name and Address of the Owner, where							100		
REGION	STATISTIC	TOTAL	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MAN-DAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL	PERCENT HUNTERS PER REGION
	ESTIMATE	16,277	0.183	1.51	43.9		8.25	10,751	52.5
_	(SE)	3,226	0.027	0.26	4.8	11,897	0.79	1,019	3.5
	z	2,717	107	107	107	2,717	107	2,717	204
	ESTIMATE	2,612	0.140	0.76	33.3	17,985	5.42	3,316	16.2
2	(SE)	1,034	0.047	0.29	8.3		0.74	574	2.6
	z	2,717	33	33	33	2,717	33	2,717	204
	ESTIMATE	1,507	0.238	0.94	31.3	6,330	3.94	1,608	7.8
က	(SE)	893	0.111	0.52	12.0	1,879	0.65	401	1.9
	z	2,717	16	16	16	2,717	16	2,717	204
	ESTIMATE	1,206	0.364	1.50	37.5	3,316	4.13	804	3.9
4	(SE)	864	0.190	1.00	18.3	1,402	1.03	284	1.4
	Z	2,717	80	8	8	2,717	8	2,717	204
	ESTIMATE	2.914	0.134	0.73	22.5	21.803	5.43	4.019	19.6
2	(SE)	1,209	0.049	0.28	6.7		0.66	631	2.8
	z	2,717	40	40	40		40	2,717	204
									PERCENT OF
									IOIAL
									LICENSEES
	ESTIMATE	20,095	0.154	1.08	35.9	130,113	7.04	18,487	6.8
STATEWIDE	(SE)	3,389	0.018	0.17	3.4	13,169	0.51	1,316	0.5
	z	2,717	204	204	204	2,717	204	2,717	2,717

PERCENT HUNTERS PER REGION		32.3	9.5	204	16.2	2.6	204	7.8	1.9	204	3.9	4.1	204		19.6	2.8	204	PERCENT OF	TOTAL	LICENSEES	6.8	0.5	2,717	T	
	40.754	10,70	D 1	2,717	3,316	574	2,717	1,608	401	2,717	804	284	2,717		4,019	631	2,717			3	18,487	1,316	2,717	$\frac{1}{1}$	
TOTAL																					₩		.,		
AVERAGE SEASONAL DAYS HUNTING	30.0	07.0	87.0	107	5.42	0.74	33	3.94	0.65	16	4.13	1.03	80		5.43	0.66	94				7.04	0.51	204		
TOTAL MAN-DAYS	00 740	11 807	150.1	2,717	17,985	3,945	2,717	6,330	1,879	2,717	3,316	1,402	2,717		21,803	4,313	2,717				130,113	13,169	2,717		
PERCENT SUCCESSFUL HUNTERS	6 63	2 4	2 1	70L	33.3	8.3	33	25.0	11.2	16	12.5	12.5	8		20.0	6.4	40				41.3	3.5	204		
AVERAGE SEASONAL HARVEST	25.50	1 17	707	JOL .	1.88	0.71	33	1.00	0.52	16	0.75	0.75	8		1.25	0.47	40				3.79	0.71	204		
AVERAGE DAILY KILL	999 0	0.115	7	/01	0.346	0.109	33	0.254	0.106	16	0.182	0.162	80	0	0.230	0.074	40				0.539	0.075	204		
TOTAL	989 09	13.801	2 747	71.17	6,832	2,594	2,717	1,708	904	2,717	703	611	2,717	n 27	5,124	2,035	2,717				72,240	14,160	2,717		
STATISTIC	ESTIMATE	(SE)		2	ESTIMATE	(SE)	z	ESTIMATE	(SE)	Z	ESTIMATE	(SE)	Z	TESTINA	ESTIMATE	(SE)	z				ESIMAIE	(SE)	z		
REGION		-				2			3			4			•	2						STATEWIDE			

PERCENT HUNTERS PER REGION	000	4.5	104	14.4	000	104		13.5	3.4	104	9.6	2.9	104	32.7	4.6	104	PERCENT OF	TOTAL	LICENSEES	90	0.3	2,717		
TOTAL	6 6 7 7 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	556	2.717	1 507	388	2.717		1,407	375	2,717	1,005	317	2,717	3,416	582	2,717				7 234	841	2,717		
AVERAGE SEASONAL DAYS HUNTING	0,00	0.34	31	70,7	0.22	15		2.29	0.56	14	2.40	0.48	10	3.18	0.63	34				282	0.35	104		
TOTAL MAN-DAYS	7 134	1.636	2,717	2 813	789	2,717	•	3,215	1,144	2,717	2,411	886	2,717	10,851	2,810	2,717				20.396	3,446	2,717		
PERCENT SUCCESSFUL HUNTERS	8 72	9.1	31	40.04	13.1	15		14.3	2.6	4	40.0	16.3	10	52.9	8.7	34				54.2	4.9	104		
AVERAGE SEASONAL HARVEST	17.1	0.46	31	6	0.49	15		0.14	0.10	14	09.0	0.31	10	3.50	1.19	34				2.63	0.61	104		
AVERAGE DAILY KILL	0 775	0.230	31	0.536	0.263	15		0.062	0.046	14	0.250	0.119	10	1.102	0.316	34				0.931	0.135	104		
TOTAL	5.727	1,723	2,717	1.708	822	2,717		402	201	2,717	804	376	2,717	12,157	4,498	2,717				19,190	4,882	2,717		
STATISTIC	ESTIMATE	(SE)	z	ESTIMATE	(SE)	z		ESTIMATE	(SE)	z	ESTIMATE	(SE)	z	ESTIMATE	(SE)	z				ESTIMATE	(SE)	z		
REGION		-			2				က			4			ĸ						STATEWIDE			

PERCENT	PER REGION	13.6	3.3	110	22.7	4.0	110	12.7	3.2	110	11.8	3.1	110	39.1	4.7	110	PERCENT OF	TOTAL	LICENSEES	0	0.3	2.717	:	
置 至	PER																PER	F	E C					
TOTAL	HUNTERS	1,507	388	2,717	2,512	200	2,717	1,407	375	2,717	1,306	361	2,717	4.320	654	2,717				0000	988	2.717		
AVERAGE SEASONAL DAYS	HUNTING	3.93	1.24	15	3.68	0.75	25	4.29	1.31	4	5.08	1.45	13	4.23	0.61	43				200	0.35	110		
TOTAL	MAN-DAYS	5,928	2,369	2,717	9,244	2,599	2,717	6,028	2,397	2,717	6,631	2,582	2,717	18.286	3,800	2,717				30.463	4,557	2,717		
PERCENT	HUNTERS	13.3	9.1	15	64.0	8.6	25	21.4	11.4	14	46.2	14.4	13	55.8	7.7	43				62.2	4.6	110		
AVERAGE	HARVEST	1.53	1.10	15	2.80	0.85	25	0.64	0.50	14	2.31	0.94	13	3.88	0.73	43				3 85	0.51	110		
AVERAGE	DAILY KILL	0.390	0.290	15	0.761	0.273	25	0.150	0.123	14	0.455	0.217	13	0.918	0.148	43				928 0	0.084	110		
TOTAL	HARVEST	2,612	1,717	2,717	7,335	2,524	2,717	1,206	738	2,717	3,316	1,451	2,717	17,181	4,030	2,717				30.443	5,281	2,717		
	STATISTIC	ESTIMATE	(SE)	z				ESTIMATE	(SE)	z														
	REGION		-			2			က			4			Z.						STATEWIDE			

PERCENT HUNTERS PER REGION		15.3	3.0	144		20.1	3.4	144		18.8	3.3	144	25.0	3.6	144		20.8	3.4		PERCENT OF	TOTAL	LICENSEES	0	3.5	5	2,717		
TOTAL		2,210	90 1	2,717		2,914	538	2,717		2,713	520	2,717	3.617	599	2,717	.,,	5,014	2 747	+	<u>a</u>			10.047	986		2,717	1	
AVERAGE SEASONAL DAYS HUNTING	i c	5.32	20.7	77		9.48	3.28	50		\$0.04 1	1.17	27	4.17	1.00	36	000	6.00	06					989	1.13		<u> </u>		
TOTAL MAN-DAYS	14 755	A 128	2747	2,117		27,630	10,691	2,717	16.977	10,51	4,423	2,717	15,071	4,343	2,717	18 186	7.00	2.717					68.925	13,210	2717	100		
PERCENT SUCCESSFUL HUNTERS	7.07	7.5.	22	77		63.3	4.0	RZ	r r	200	9.7	27	55.6	8.4	36	20.02	0	30					60.0	4.1	144			
AVERAGE SEASONAL HARVEST	1 82	0.89	22		000	0.00	41.0	87	1.07	35.0	0.00	77	1.06	0.32	36	0.73	0.18	30					1.24	0.25	144			
AVERAGE DAILY KILL	0.342	0.105	22		0900	0000	0.030	21	0.178	0.066	22	17	0.253	0.070	36	0.122	0.050	30					0.181	0.028	144			
TOTAL	7,937	2,324	2,717		6 129	1 162	2.717	i	7,234	1.537	2717	j	7,736	1,654	2,717	7,435	1,400	2,717					19,190	3,074	2,717			
STATISTIC	ESTIMATE	(SE)	z		ESTIMATE	(SE)	Z		ESTIMATE	(SE)	Z		ESTIMATE	(SE)	Z	ESTIMATE	(SE)	z					ESTIMATE	(SE)	z			
REGION		-				2				က				4			2							STATEWIDE				

PERCENT HUNTERS PER REGION		20.6	3.5	136	27.0	24.3	9.0	136		18.4	3.3	136		19.1	3.4	136		47.6	2 "	136	PERCENT OF	TOTAL	LICENSEES		0.3	2 717		
	- 3	2,813	529	2,717	2000	210	4/0	2,717		2,512	200	2,717		2,612	510	2,717	_	2 444	490	2.717	PER			777	947	2717		
TOTAL		2,0		2,	Ċ	ָה היים היים היים היים היים היים היים היי		2,	}	2,1		2,		Z'(2,			ī	2.					5	2		
AVERAGE SEASONAL DAYS HUNTING	000	9.90	1.99	28	0	6.0	60.7	83		6.36	1.24	25		4.88	1.29	26		7 7	1 75	24				7.34	1.25	136		
TOTAL MAN-DAYS	001.07	280,81	6,616	2,717	27.630	10 578	0/0,0	2,717		15,975	4,414	2,717		12,760	4,132	2,717		13 162	4 924	2.717				67 820	13.418	2.717		
PERCENT SUCCESSFUL HUNTERS	0 411	(9.0	8.3	28	27.8	0.00	2.0	33		48.0	10.2	25	3	6.15	9.7	26		C A A	401	24				200	4.1	136		
AVERAGE SEASONAL HARVEST	100	2.54	0.76	28	00	20.0	17.0	83		1.52	0.50	25		91.1	0.36	26		0.75	0 10	24				178	0.29	136		
AVERAGE DAILY KILL	0000	0.379	0.112	28	0 131	0.13	500	33		0.239	0.086	25	7700	0.244	0.082	26		0.137	0.064	24				0.230	0.035	136		
TOTAL	0700	2,942	2,558	2,717	5 827	1 184	1,10	2,/1/		5,627	1,585	2,717	500 1	676,4	1,264	2,717		4 622	1 440	2,717				21 501	3,517	2.717		
STATISTIC	COTINAATE	ESIMAIE	(3E)	z	ESTIMATE	(SE)	3	2		ESTIMATE	(SE)	Z	COTIMATE	ESTIMATE	(SE)	z		ESTIMATE	(SE)	z				ESTIMATE	(SE)	z		
REGION		-	-			0					က				4				S						STATEWIDE			

PERCENT HUNTERS PER REGION	13.0	4.6	54	14.8	4.9	54	42.6	6.8	54	18.5	5.3	54	11.1	4.3	54	PERCENT OF	TOTAL	LICENSEES	1,3	0.2	2,717		
TOTAL HUNTERS	703	266	2,717	804	284	2,717	2,311	480	2,717	1,005	317	2,717	603	246	2,717				3.416	582	2,717		
AVERAGE SEASONAL DAYS HUNTING	5.29	2.57	7	5.50	2.31	00	4.96	0.93	23	3.90	1.82	10	6.67	3.04	9				4.65	0.72	54		
TOTAL MAN-DAYS	3.718	2,184	2,717	4,421	2,334	2,717	11,454	3,180	2,717	3,918	2,128	2,717	4,019	2,342	2,717				15,875	3,638	2,717		
PERCENT SUCCESSFUL HUNTERS	14.3	14.3	7	0.0	0.0	80	17.4	8.1	23	20.0	13.3	10	0.0	0.0	9				20.6	5.6	5		
AVERAGE SEASONAL HARVEST	0.14	0.14	7	0.00	0.00	80	0.22	0.11	23	0.40	0.27	10	0.00	0.00	9				0.29	0.11	54		
AVERAGE DAILY KILL	0.027	0.033	7	0.000	0.000	80	0.044	0.024	23	0.103	0.087	10	0.000	0.000	9				0.063	0.017	54		
TOTAL	603	426	2,717	502	414	2,717	1,407	531	2,717	904	205	2,717	603	426	2,717				2,009	618	2,717		
STATISTIC	ESTIMATE	(SE)	Z				ESTIMATE	(SE)	Z														
REGION		-			2			က			4			S.						STATEWIDE			

PERCENT HUNTERS PER REGION		0.91	2.6	194	27 B	3.2	194	C PC	3.1	5 7	200		17.5	2.7	194	7	1. C	194	PERCENT OF	TOTAL	LICENSEES		5.1	4.0	2,717		
TOTAL HUNTERS F	177	011.0	900	2,717	5.426	731	2.717	4 722	683	2 747	7,1		3,416	582	2,717	0 0 0 1 3	529	2,717	<u> </u>				13,805	061,1	2,717		
AVERAGE SEASONAL DAYS HUNTING	70.04	12.34	70.7	34	10.76	2.12	54	20.15	2.51	47	=		18.65	3.72	34	18.04	2.94	28					0.09	SC.	194		
TOTAL MAN-DAYS	000 07	11 367	100,11	2,717	58,375	13,869	2,717	95.148	18,090	2.717	: :		63,700	16,584	2,717	45 113	11.744	2,717				040	20.273	710,02	2,717		
PERCENT SUCCESSFUL HUNTERS	A 7.T	7 2	2 3	50	79.6	5.5	54	80.9	5.8	47			73.5	7.7	34	78.6	7.9	28				7.70	3.0	0.4	194		
AVERAGE SEASONAL HARVEST	25.0	3.59	3	15	 5.41	1.25	54	11.02	2.30	47			5.94	1.75	34	9.32	2.36	28				a a	1 24	1	46 46		
AVERAGE DAILY KILL	0.723	0.172	1 6	5	0.503	0.082	54	0.547	0.084	47			0.319	0.074	34	0.581	0.104	28				0 555	0.040	3	400		
TOTAL	33,330	12,246	2717	11 /17	43,003	10,027	2,717	62,394	14,224	2,717		10000	24,315	6,954	2,717	30,544	8,283	2,717				140.562	21,099	2 747	2,111		
STATISTIC	ESTIMATE	(SE)	2	2	ESTIMATE	(SE)	z	ESTIMATE	(SE)	z		CCTIMATE		(SE)	z	ESTIMATE	(SE)	Z				ESTIMATE	(SE)	2	2		
REGION		-				2			က					4			ro.						STATEWIDE				

AL TOTAL HUNTERS G HUNTERS PER REGION		804	6.35 284 3.3	8 2,717 82	0013	490	2,717	7.95 2,210 26.8		22 2,717 82	14.06 1,608 19.5		16 2,717 82	14.33 1.206 14.6	347	12 2,717 82	PERCENTOF	TOTAL	LICENSEES	6 34 5 024	704	2,717		
AVERAGE SEASONAL TOTAL DAYS HUNTING			6,122	2,717	22 004	7,186	2,717	17,583	6,506	2,717	22,607	9,204	2,717	17,281		2,717				46 921		2,717		
PERCENT SUCCESSFUL HUNTERS		12.5	12.5	80	16.7	7.8	24	22.7	9.1	22	12.5	8.5	16	16.7	11.2	12				20.0	4.4	82		_
AVERAGE SEASONAL HARVEST		0.13	0.13	80	0 17	0.08	24	0.27	0.12	22	0.19	0.14	16	0.17	0.11	12				0.24	20.0	82		
AVERAGE DAILY KILL		0.000	110.0	80	0.018	0.011	24	0.034	0.020	22	0.013	0.008	16	0.012	0.008	12				0.026	0.005	82		_
TOTAL	207	1,407	212	2,717	1.608	531	2,717	1,909	929	2,717	1,608	920	2,717	1,407	512	2,717				2,713	657	2,717		
STATISTIC	TTAAAITOT	ESIMAIE	(SE)	z	ESTIMATE	(SE)	Z	ESTIMATE	(SE)	Z	ESTIMATE	(SE)	Z	ESTIMATE	(SE)	z				ESTIMATE	(SE)	z		
REGION		•	-			2			က			4			ro.						STATEWIDE			

	STATISTIC	TOTAL	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MAN-DAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL	PERCENT OF TOTAL LICENSEES
	ESTIMATE	1,385,427	1.436	11.57	91.0	900.341	8.06	111 726	40.9
STATEWIDE	(SE)	52,978	0.053	0.38	0.0	43,163	0.34	2,576	0.0
	Z	2,717	1,112	1,112	1,112	2,717	1,112	2,717	2,717
TABLE 43. EXI	TABLE 43. EXPANDED STATEWIDE SUMMARY OF 1	NDE SUMMARY		SOOSE HUNTI	ING IN VIRGINI	A DURING TF	OTAL GOOSE HUNTING IN VIRGINIA DURING THE 1996-97 HUNTING SEASON	TING SEASON	
	STATISTIC	TOTAL	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MAN-DAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL	PERCENT OF TOTAL LICENSEES
	ESTIMATE	49,634	0.930	4.25	65.2	52,849	4.57	11.554	4.2
STATEWIDE	(SE)	8,577	0.110	0.64	4.5	6,928	0.43	1,055	0.4
	Z	2,717	115	115	115	2,717	115	2,717	2,717
				•					

						1000
	OTATELA SOF			REGIONS		
	STATEWIDE	1	2	3	4	5
	3.74	3.95	3.79	3.52	3.53	4.0
* MEAN SCORES, V	WHERE 1=POOR, 4=ADEQ	RUATE, 7=EXCI	ELLENT			
	ATEMIDE AND REGIONA LELOADER DURING THE					
				REGIONS		
RESPONSE	STATEWIDE	1	2	3	4	5
YES	47.2	49.5	45.7	47.6	47.8	43.7
NO	52.8	50.5	54.3	52.4	52.2	56.3
BY REGION.						
	CTATEVAIDE			REGIONS		
SPECIES	STATEWIDE	1	2	REGIONS 3	4	5
	STATEWIDE 0.143	0.010			0.145	5 0.117
SPECIES			2	3		
SPECIES BEAR	0.143	0.010	0.110	0.265	0.145	0.117 0.131
SPECIES BEAR BOBCAT RED FOX	0.143	0.010	0.110	0.265 0.265	0.145	0.117
SPECIES BEAR BOBCAT RED FOX GRAY FOX	0.143 0.190 1.376	0.010 0.115 1.288	0.110 0.192 0.897	0.265 0.265 0.957	0.145 0.182 1.773	0.117 0.131 2.460
SPECIES BEAR BOBCAT	0.143 0.190 1.376 1.065	0.010 0.115 1.288 1.663	0.110 0.192 0.897 0.747	0.265 0.265 0.957	0.145 0.182 1.773 0.700	0.117 0.131 2.460 1.504 0.022
SPECIES BEAR BOBCAT RED FOX GRAY FOX	0.143 0.190 1.376 1.065 0.104	0.010 0.115 1.288 1.663 0.510	0.110 0.192 0.897 0.747	3 0.265 0.265 0.957 1.000	0.145 0.182 1.773 0.700 0.091	0.117 0.131 2.460 1.504
SPECIES BEAR BOBCAT RED FOX GRAY FOX MINK WEASEL	0.143 0.190 1.376 1.065 0.104 0.019	0.010 0.115 1.288 1.663 0.510	0.110 0.192 0.897 0.747 0.021	3 0.265 0.265 0.957 1.000 0.032	0.145 0.182 1.773 0.700 0.091 0.036	0.117 0.131 2.460 1.504 0.022
SPECIES BEAR BOBCAT RED FOX GRAY FOX MINK WEASEL RACCOON	0.143 0.190 1.376 1.065 0.104 0.019 1.351	0.010 0.115 1.288 1.663 0.510 0.019 2.231	0.110 0.192 0.897 0.747 0.021 0.014	3 0.265 0.265 0.957 1.000 0.032 0.032	0.145 0.182 1.773 0.700 0.091 0.036 0.900	0.117 0.131 2.460 1.504 0.022 0.000
SPECIES BEAR BOBCAT RED FOX GRAY FOX MINK WEASEL RACCOON COYOTE	0.143 0.190 1.376 1.065 0.104 0.019 1.351 0.165	0.010 0.115 1.288 1.663 0.510 0.019 2.231 0.038	0.110 0.192 0.897 0.747 0.021 0.014 1.726	3 0.265 0.265 0.957 1.000 0.032 0.032 1.427	0.145 0.182 1.773 0.700 0.091 0.036 0.900 0.036	0.117 0.131 2.460 1.504 0.022 0.000 0.847

RESPONSE BEAR ARCHERY BEASON BUN W/O DOGS	31.4 83.6	0.00	23.5	3 46.7 90.5	38.3	7.7 82.4
BEAR ARCHERY						
RESPONSE	STATEWIDE	1	2	3	4	5
			E	REGIONS		
METHODS/SEASOI						
		HUNTERS UTILIZING				
MEAN SCORES,	WHERE 1=POOR, 4	=ADEQUATE, 7=EXCI	ELLENT			
	4.067	4.350	4.183	3.758	3.914	4.39
		1	2	3	4	5
	STATEWIDE	4		REGIONS		
QUALITY OF THE	1997 SPRING TUR	KEY SEASON.*				
TABLE 49. (Q25)	ERCEPTIONS OF S	PRING TURKEY HUN		GARDING O	VERALL	
MEAN SCORES,	WHERE 1=POOR,	4=ADEQUATE, 7=EXC	ELLENT			
	3.725	3.857	3.877	3.641	3.460	3.82
	STATEWIDE	1	2	3	4	5
				REGIONS		
OF 1996 FALL TU	RKEY SEASON. *	THE TOTAL PROPERTY	NO REGA	KDING OVE	RALL QUA	LIIY
TABLE 48. (Q24)	PERCEPTIONS OF	ALL TURKEY HUNTE	DC DECA	BDING OVE	DALL OUA	1 1507
	0.160	0.243	0.152	0.128	0.134	0.20
	STATEWIDE	1	2	3	4	5
				<u>REGIONS</u>		

BECOME	OTATELA "DE				-	
RESPONSE	STATEWIDE				-	***
OWN A BOAT (PCT)	38.9					
# DAYS BOAT WAS	0.838					
USED TO HUNT (MEAN)						·
TABLE 52. (Q28) PERCEPTI		HUNTERS R	EGARDIN	iG		1.30
THE SIZE OF THE DEER HE	RD, 1996-97.*			a proper and		
				REGIONS		
	STATEWIDE	1	2	3	4	5
	4.104	4.478	4.240	3.815	3.558	4.458
i						
			1	1		
* MEAN SCORES WHERE 1	I=LOW 4=MODERATE	7=HIGH				
* MEAN SCORES, WHERE 1	I=LOW, 4=MODERATE	, 7=HIGH				
			RDING H	OW TO MAN	AGE THE D	EER
* MEAN SCORES, WHERE 1 TABLE 53. (Q29) OPINIONS HERD 1996-97, (PCT).			RDING H	OW TO MAN	AGE THE D	EER
TABLE 53. (Q29) OPINIONS					AGE THE D	EER
TABLE 53. (Q29) OPINIONS HERD 1996-97, (PCT).	OF DEER (GUN) HUN	TERS REGA		REGIONS		
TABLE 53. (Q29) OPINIONS					AGE THE D	DEER 5
TABLE 53. (Q29) OPINIONS HERD 1996-97, (PCT).	OF DEER (GUN) HUN	TERS REGA		REGIONS		5
TABLE 53. (Q29) OPINIONS HERD 1996-97, (PCT). RESPONSE INCREASE HERD	OF DEER (GUN) HUN	TERS REGAL	2	REGIONS 3	4	5 26.9
TABLE 53. (Q29) OPINIONS HERD 1996-97, (PCT). RESPONSE INCREASE HERD STABILIZE HERD	OF DEER (GUN) HUN STATEWIDE 33.1	TERS REGAL	2 29.3	REGIONS 3 41.4	4 42.5	5 26.9 43.5
TABLE 53. (Q29) OPINIONS HERD 1996-97, (PCT). RESPONSE INCREASE HERD STABILIZE HERD DECREASE HERD	STATEWIDE 33.1 42.1 11.2	1 24.3 43.5 17.8	2 29.3 47.1 9.9	REGIONS 3 41.4 38.5 7.7	4 42.5 38.8 6.1	5 26.9 43.5 15.3
TABLE 53. (Q29) OPINIONS HERD 1996-97, (PCT).	STATEWIDE 33.1 42.1	1 24.3 43.5	2 29.3 47.1	REGIONS 3 41.4 38.5	42.5	5 26.9 43.5
TABLE 53. (Q29) OPINIONS HERD 1996-97, (PCT). RESPONSE INCREASE HERD STABILIZE HERD DECREASE HERD	STATEWIDE 33.1 42.1 11.2 13.6	1 24.3 43.5 17.8 14.5	2 29.3 47.1 9.9	REGIONS 3 41.4 38.5 7.7 12.4	4 42.5 38.8 6.1	5 26.9 43.5 15.3
TABLE 53. (Q29) OPINIONS HERD 1996-97, (PCT). RESPONSE INCREASE HERD STABILIZE HERD DECREASE HERD NO OPINION	STATEWIDE 33.1 42.1 11.2 13.6 ONS OF FALL TURKE	1 24.3 43.5 17.8 14.5	2 29.3 47.1 9.9	REGIONS 3 41.4 38.5 7.7 12.4	4 42.5 38.8 6.1	5 26.9 43.5 15.3
TABLE 53. (Q29) OPINIONS HERD 1996-97, (PCT). RESPONSE INCREASE HERD STABILIZE HERD DECREASE HERD NO OPINION TABLE 54. (Q30) PERCEPTI	STATEWIDE 33.1 42.1 11.2 13.6 ONS OF FALL TURKE	1 24.3 43.5 17.8 14.5	2 29.3 47.1 9.9 13.6	REGIONS 3 41.4 38.5 7.7 12.4 NG THE SIZ	4 42.5 38.8 6.1	5 26.9 43.5 15.3
TABLE 53. (Q29) OPINIONS HERD 1996-97, (PCT). RESPONSE INCREASE HERD STABILIZE HERD DECREASE HERD NO OPINION TABLE 54. (Q30) PERCEPTI	STATEWIDE 33.1 42.1 11.2 13.6 ONS OF FALL TURKE	1 24.3 43.5 17.8 14.5	2 29.3 47.1 9.9 13.6	REGIONS 3 41.4 38.5 7.7 12.4	4 42.5 38.8 6.1	5 26.9 43.5 15.3
TABLE 53. (Q29) OPINIONS HERD 1996-97, (PCT). RESPONSE INCREASE HERD STABILIZE HERD DECREASE HERD NO OPINION TABLE 54. (Q30) PERCEPTI	STATEWIDE 33.1 42.1 11.2 13.6 ONS OF FALL TURKE 10N, 1996-97.*	1 24.3 43.5 17.8 14.5 Y HUNTERS I	2 29.3 47.1 9.9 13.6	REGIONS 3 41.4 38.5 7.7 12.4 NG THE SIZ	4 42.5 38.8 6.1 12.6	5 26.9 43.5 15.3

		 	-	REGIONS		
RESPONSE	STATEWIDE	1	2	3	4	5
INCREASE POPULATIONS	45.7	42.5	41.7	51.6	44.8	46.
STABILIZE POPULATIONS	38.1	39.1	43.0	30.7	39.6	37.
DECREASE POPULATIONS	4.1	9.2	3.9	4.2	0.7	4.
NO OPINION	12.0	9.2	11.3	13.5	14.9	12.
RESPONSE	STATEWIDE	1	2	REGIONS 3	4	5_
TABLE 56. (Q33) OPINIONS ((EITHER SEX) TURKEYS (PC		INTERS REGA	ARDING T	HE BAG LIN	IIT ON FAL	L
INCREASE THE LIMIT	21.7	27.9	26.8	19.3	13.3	20.3
KEEP LIMIT THE SAME	66.0	62.8	63.6	65.5	70.4	68.0
DECREASE THE LIMIT	9.0	7.0	6.5	12.2	11.9	6.8
NO OPINION	3.3	2.3	3.0	3.0	4.4	4.2
TABLE 57. (Q30) PERCEPTION		KEY HUNTER	SREGAR	DING HOW	TO MANAG	ETHE
The second of th	ATTOM 1880-87.					
SIZE OF THE TURKEY POPUL				REGIONS		
The second of th						_
The second secon	STATEWIDE	1	2	3	4	5

				REGIONS		
RESPONSE	STATEWIDE	1	2	3	4	5
INCREASE POPULATIONS	45.4	42.2	40.6	49.7	49.5	47.
STABILIZE POPULATIONS	39.7	42.2	47.1	32.7	39.8	35.0
DECREASE POPULATIONS	4.6	7.8	4.5	4.2	1.1	6.0
NO OPINION	10.3					
TABLE 59. (Q32) PERCEPTIO	NS OF SPRING TUR	7.8 KEY HUNTER	7.7	13.3	9.7	12.0
TABLE 59. (Q32) PERCEPTIO SPRING (GOBBLER) TURKEY	NS OF SPRING TUR		RS REGAR	RDING BAG L		12.0
TABLE 59. (Q32) PERCEPTIO	NS OF SPRING TUR		RS REGAR			12.0
TABLE 59. (Q32) PERCEPTIO SPRING (GOBBLER) TURKEY	NS OF SPRING TUR S (PCT).	KEY HUNTER	RS REGAR	REGIONS	IMIT ON	
TABLE 59. (Q32) PERCEPTION SPRING (GOBBLER) TURKEY RESPONSE	NS OF SPRING TUR S (PCT).	KEY HUNTER	RS REGAR	RDING BAG L	LIMIT ON	5 9.9
TABLE 59. (Q32) PERCEPTIO SPRING (GOBBLER) TURKEY RESPONSE	STATEWIDE	KEY HUNTER	2 18.7	REGIONS 3	4 7.5	5

	FALL TURKEY	GUN DEER
PREFERENCE	HUNTERS	HUNTERS
2-WEEK SEASON: NO CHANGE IN CURRENT SEASON	3.642	4.008
4-WEEK SEASON: CURRENT SEASON + 2 WEEKS	3.809	3.588
EARLIER		
4-WEEK SEASON: CURRENT SEASON + LAST 2 WEEKS	3.971	3.925
OF (GUN) DEER SEASON		
4-WEEK SEASON: CURRENT SEASON + 2 WEEKS	4.290	4.070
AFTER (GUN) DEER SEASON CLOSES IN JANUARY		
6-WEEK SEASON: (SAME AS REST OF STATE)	4.224	4.358

				REGIONS		
DATE	STATEWIDE	1	2	3	4	5
2ND SAT. IN SEPT.	2.970	3.478	2.244	0.404	0.700	
ZND SAT. IN SEPT.	2.970	3.476	2.944	2.484	2.769	3.23
3RD SAT. IN SEPT.	3.134	3.545	3.149	2.761	2.839	3.52
4TH SAT. IN SEPT.	3.852	4.044	4.107	3.429	3.867	4.03
1ST SATURDAY IN OCT.	5.762	5.596	5.706	5.959	5.765	5.69
* MEAN SCORES, WHERE	1=STRONGLY OPPOSE	, 7=STRONG	GLY FAVOR	₹.		
TABLE 62. (Q36-37) PREF THE REQUIREMENT AND	BEAR	TERS VS. D	DEER HUNT ING LICEN BEAR	ERS REGA	ARDING	
TABLE 62. (Q36-37) PREF THE REQUIREMENT AND	ERENCES OF BEAR HUN COST OF A SEPARATE	TERS VS. D BEAR HUNT	EER HUNT	ERS REGA	ARDING	
TABLE 62. (Q36-37) PREF THE REQUIREMENT AND	BEAR	BEAR HUNT	BEAR	ERS REGA		
TABLE 62. (Q36-37) PREFITHE REQUIREMENT AND RESPONSE	BEAR HUNTERS	BEAR HUNT	BEAR HUNTERS	ERS REGA	DEER	
RESPONSE	BEAR	BEAR HUNT	BEAR	ERS REGA		
RESPONSE REQUIRE SEPARATE	BEAR HUNTERS	BEAR HUNT	BEAR HUNTERS	ERS REGA	DEER	
RESPONSE	BEAR HUNTERS W/DOGS	BEAR HUNT	BEAR HUNTERS WO/DOGS	ERS REGA	DEER HUNTERS	
RESPONSE REQUIRE SEPARATE	BEAR HUNTERS W/DOGS	BEAR HUNT	BEAR HUNTERS WO/DOGS	ERS REGA	DEER HUNTERS	
RESPONSE REQUIRE SEPARATE BEAR LICENSE?*	BEAR HUNTERS W/DOGS 3.435	BEAR HUNT	BEAR HUNTERS WO/DOGS 1.704	ERS REGA	DEER HUNTERS 3.487	
RESPONSE REQUIRE SEPARATE BEAR LICENSE?*	BEAR HUNTERS W/DOGS 3.435	BEAR HUNT	BEAR HUNTERS WO/DOGS 1.704	ERS REGA	DEER HUNTERS 3.487	
RESPONSE REQUIRE SEPARATE BEAR LICENSE?* \$1.00	BEAR HUNTERS W/DOGS 3.435 2.432 2.400	BEAR HUNT	BEAR HUNTERS WO/DOGS 1.704 3.943 2.235	ERS REGA	DEER HUNTERS 3.487 3.307	

DEER HUNTERS REGARDING		1 1	1	1	1	
DATE				REGION	IS	
DATE	STATEWIDE	1	2	3	4	5
1 SAT. BEFORE ARCHERY	3.682					+
SEASON OPENS	3.062	3.71	9 3.6	4.06	3.52	3.4
1 SAT. DURING ARCHERY	2.829				+	
SEASON	2.029	2.939	2.9	12 2.77	8 2.589	2.88
LAST SAT. IN THE EARLY	3.581					
MUZZLELOADER SEASON		4.010	3.6	40 3.49	3.101	3.67
(SAT. IMMEDIATELY PRIOR TO						
FIREARMS SEASON)						
1 SAT. DURING THE LATE	3.437	3.458	0.50			
MUZZELOADER SEASON	1	3.430	3.53	3.495	3.193	3.38
MEAN SCORES: 1=STRONGLY ABLE 64. (Q39) STATEWIDE AN HUNTERS WHO WOULD TAKE A	ND PECIONAL OF			STRONGLY F	AVOR.	
ABLE 64. (Q39) STATEWIDE AN IUNTERS WHO WOULD TAKE A	ND REGIONAL SU A YOUNG HUNTE			JMBER OF G	FAVOR.	
ABLE 64. (Q39) STATEWIDE AN	ND PECIONAL OF			STRONGLY F	GUN DEER	5
ABLE 64. (Q39) STATEWIDE AN IUNTERS WHO WOULD TAKE A	ND REGIONAL SU A YOUNG HUNTE STATEWIDE	JMMARIES O R HUNTING (F THE NU	JMBER OF G	FAVOR. GUN DEER 4	5
ABLE 64. (Q39) STATEWIDE AN IUNTERS WHO WOULD TAKE A	ND REGIONAL SU A YOUNG HUNTE	JMMARIES O R HUNTING	F THE NU	REGIONS 3	GUN DEER	
ABLE 64. (Q39) STATEWIDE AN IUNTERS WHO WOULD TAKE A RESPONSE	ND REGIONAL SU A YOUNG HUNTE STATEWIDE	JMMARIES O R HUNTING (F THE NUPCT).	REGIONS 3 69.6	4 65.7	65.2
ABLE 64. (Q39) STATEWIDE AN IUNTERS WHO WOULD TAKE A RESPONSE	STATEWIDE 65.2 10.2	JMMARIES OR HUNTING (1 66.0 8.4	PCT). 2 60.9	REGIONS 3 69.6	GUN DEER	
RESPONSE ES OT SURE	STATEWIDE 65.2 10.2 24.6	1 66.0 8.4 25.7	PCT). 2 60.9 10.4	REGIONS 3 69.6 8.6 21.7	4 65.7 12.2	65.2
RESPONSE ES O OT SURE	STATEWIDE 65.2 10.2 24.6	1 66.0 8.4 25.7	PCT). 2 60.9 10.4	REGIONS 3 69.6 8.6 21.7	4 65.7 12.2	65.2
RESPONSE O OT SURE	STATEWIDE 65.2 10.2 24.6	1 66.0 8.4 25.7	PCT). 2 60.9 10.4	REGIONS 3 69.6 8.6 21.7	4 65.7 12.2	65.2
ABLE 64. (Q39) STATEWIDE AN IUNTERS WHO WOULD TAKE A	STATEWIDE 65.2 10.2 24.6 D REGIONAL SUM	1 66.0 8.4 25.7	PCT). 2 60.9 10.4	REGIONS 3 69.6 8.6 21.7 ENCES OF A	4 65.7 12.2	65.2
RESPONSE O OT SURE	STATEWIDE 65.2 10.2 24.6	1 66.0 8.4 25.7	PCT). 2 60.9 10.4	REGIONS 3 69.6 8.6 21.7	4 65.7 12.2	65.2
RESPONSE O OT SURE	STATEWIDE 65.2 10.2 24.6 D REGIONAL SUN STATEWIDE	1 66.0 8.4 25.7 MMARIES OF	PREFER 2 3.756	REGIONS 3 3.930 3 3.930 3 3 3 3 3 3 3 3 3	4 65.7 12.2 22.1 ALL HUNTEI	65.2 11.1 23.7

ALLOCATION	-
0.18	
0.11	-
0.06	+
0.13	
0.04	
0.25	
78.1	
STATEWIDE	
3.7	
5.7	
10	
1.9	
3.1	
1.3	
3.1 1.3 3.5	
3.1 1.3 3.5 3.0	
3.1 1.3 3.5	
	0.18 0.11 0.06 0.13 0.04 0.25 0.08 0.15 \$ 1.00 RY OF NUMBER OF HUNTERS WHO CLASSIFY THEMSE ECIES (PCT). STATEWIDE 78.1 1.9

TABLE 68. (Q43-48) SELECTED DEMOGRA	APHICS OF ALL REPONDENTS.	
DEMOGRAPHIC	RESPONSE	
AGE (MEAN YEARS)	42.3	
MARITAL STATUS (PCT)		
NEVER MARRIED	14.8	
MARRIED	74.6	
DIVORCED	8.1	
SEPARATED	1.7	
WIDOWED	0.8	
AGE WHEN FIRST HUNTED	12.4	
GENDER (PCT)		
MALE	97.2	
FEMALE	2.8	
HAVE CHILDREN? (PCT)		
NO	25.3	
YES (CHILDREN HUNT)	41.9	
YES (CHILDREN DO NOT HUNT)	32.8	
# OF CHILDREN LIVING AT HOME	1.76	
(MEAN)		
TABLE 69. (Q49) RESPONSES OF HUNTE THEM HOW TO HUNT (PCT).	RS REGARDING THE PERSON W	HO TAUGHT
PERSON	RESPONSE	
FATHER	58.4	
SPOUSE	0.9	
MOTHER	0.2	
UNCLE/AUNT	5.8	
BROTHER/SISTER	4.0	
GRANDPARENT	4.7	
FRIEND	12.1	
LEARNED ON OWN	13.9	

	1	the second second second second	
ATTITUDE	FATHER	MOTHE	R
PERSONALLY HUNTED	64.4	4	.8
DID NOT HUNT, BUT APPROVED	21.5	66	.6
OF HUNTING			
TOLERATED MY INTEREST	5.5	19	.2
IN HUNTING			
DISCOURAGED MY INTEREST IN HUNTING	1.1	2	.6
FORBID ME TO HUNT	0.3	0	.8
DO NOT KNOW	7.1		
			11
TABLE 71. (Q52) PERCEPTIONS OF HU TOWARD HUNTING (PCT). ATTITUDE	NTERS REGARDING		
TABLE 71. (Q52) PERCEPTIONS OF HU TOWARD HUNTING (PCT).	NTERS REGARDING	SPOUSE'S ATTIT	
TABLE 71. (Q52) PERCEPTIONS OF HU TOWARD HUNTING (PCT). ATTITUDE SPOUSE IS A HUNTER	NTERS REGARDING	PONSE 7.2	
TABLE 71. (Q52) PERCEPTIONS OF HU TOWARD HUNTING (PCT). ATTITUDE	NTERS REGARDING	SPOUSE'S ATTIT	
TABLE 71. (Q52) PERCEPTIONS OF HU TOWARD HUNTING (PCT). ATTITUDE SPOUSE IS A HUNTER DOES NOT HUNT, BUT APPROVES OF HUNTING TOLERATES MY INTEREST	NTERS REGARDING	PONSE 7.2	
TABLE 71. (Q52) PERCEPTIONS OF HU TOWARD HUNTING (PCT). ATTITUDE SPOUSE IS A HUNTER DOES NOT HUNT, BUT APPROVES OF HUNTING	NTERS REGARDING	PONSE 7.2 52.8	
TABLE 71. (Q52) PERCEPTIONS OF HU TOWARD HUNTING (PCT). ATTITUDE SPOUSE IS A HUNTER DOES NOT HUNT, BUT APPROVES OF HUNTING TOLERATES MY INTEREST IN HUNTING DISCOURAGES MY INTEREST	NTERS REGARDING	PONSE 7.2 52.8	
TABLE 71. (Q52) PERCEPTIONS OF HU TOWARD HUNTING (PCT). ATTITUDE SPOUSE IS A HUNTER DOES NOT HUNT, BUT APPROVES OF HUNTING TOLERATES MY INTEREST IN HUNTING	NTERS REGARDING	PONSE 7.2 52.8 22.1	
TABLE 71. (Q52) PERCEPTIONS OF HU TOWARD HUNTING (PCT). ATTITUDE SPOUSE IS A HUNTER DOES NOT HUNT, BUT APPROVES OF HUNTING TOLERATES MY INTEREST IN HUNTING DISCOURAGES MY INTEREST	NTERS REGARDING	PONSE 7.2 52.8 22.1	

A 777171 177			
ATTITUDE		RESPONSE	
PERSONALLY HUNTS		85.1	
DOES NOT HUNT, BUT			
APPROVES OF HUNTING		9.7	
TOLERATES MY INTEREST		2.5	
N HUNTING		2.5	
DISCOURAGES MY INTEREST		0.4	
N HUNTING		0.4	
ABLE 73. (Q54-55) STATEWIDE SI	JMMARY OF CURRENT	2.3	OD BEODEN
TABLE 73. (Q54-55) STATEWIDE SI	CALTIN CONTRACTOR		OD RESIDEN
ABLE 73. (Q54-55) STATEWIDE SUFFALL HUNTERS 1996-97 (PCT).	CURRENT	AND CHILDHO	CHILDHOOD
ABLE 73. (Q54-55) STATEWIDE SI	CALTIN CONTRACTOR	AND CHILDHO	- Foldal Sal
ABLE 73. (Q54-55) STATEWIDE SU OF ALL HUNTERS 1996-97 (PCT).	CURRENT	AND CHILDHO	CHILDHOOD
TABLE 73. (Q54-55) STATEWIDE SU OF ALL HUNTERS 1996-97 (PCT). TYPE OF RESIDENCE	CURRENT RESIDENCE	AND CHILDHO	CHILDHOOD RESIDENCE 30.4
ABLE 73. (Q54-55) STATEWIDE SUDF ALL HUNTERS 1996-97 (PCT). TYPE OF RESIDENCE ARM URAL, BUT NOT FARM	CURRENT RESIDENCE 22.9 40.5	AND CHILDHO	CHILDHOOD RESIDENCE 30.4 35.0
TABLE 73. (Q54-55) STATEWIDE SIDE ALL HUNTERS 1996-97 (PCT). TYPE OF RESIDENCE FARM RURAL, BUT NOT FARM OWN (LESS THAN 0,000 POP.)	CURRENT RESIDENCE	AND CHILDHO	CHILDHOOD RESIDENCE 30.4
TABLE 73. (Q54-55) STATEWIDE SUDF ALL HUNTERS 1996-97 (PCT). TYPE OF RESIDENCE ARM URAL, BUT NOT FARM OWN (LESS THAN D,000 POP.) RBAN CITY	CURRENT RESIDENCE 22.9 40.5	AND CHILDHO	CHILDHOOD RESIDENCE 30.4 35.0
TABLE 73. (Q54-55) STATEWIDE SUPPLY OF RESIDENCE TYPE OF RESIDENCE FARM BURAL, BUT NOT FARM OWN (LESS THAN	CURRENT RESIDENCE 22.9 40.5	AND CHILDHO	CHILDHOOD RESIDENCE 30.4 35.0
TABLE 73. (Q54-55) STATEWIDE SI OF ALL HUNTERS 1996-97 (PCT). TYPE OF RESIDENCE FARM FURAL, BUT NOT FARM OWN (LESS THAN 0,000 POP.) RBAN CITY	CURRENT RESIDENCE 22.9 40.5	AND CHILDHO	CHILDHOOD RESIDENCE 30.4 35.0

996-97.*
RESPONSE
3.125
2.622
1.744
2.466
1.794
2.615
2.637
3.322
2.937
2.609
2.322
3.654
2.015
3.441
2.499
3.416
1.728
1.729
4.133
1.590
2.257
IGLY AGREE

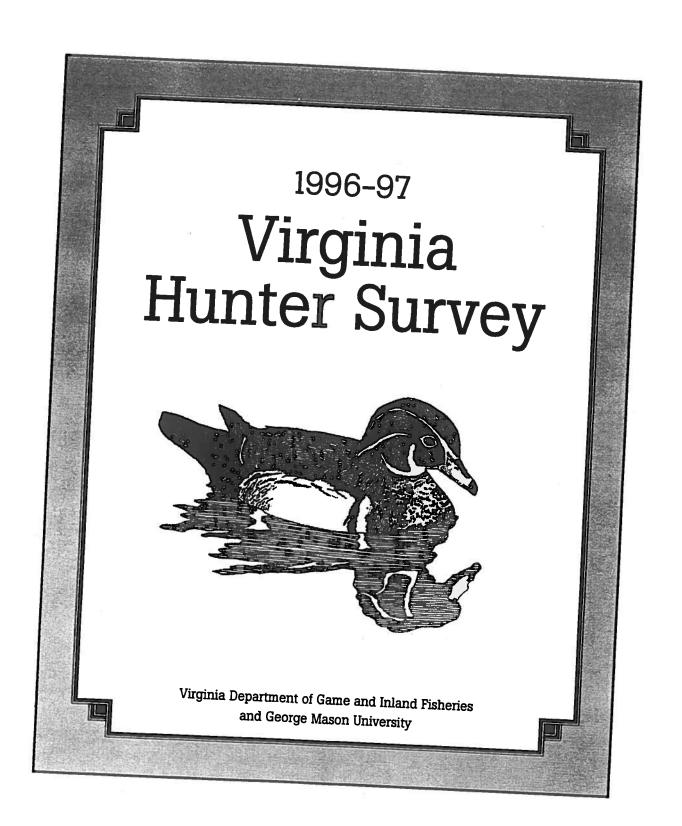
OF 96-97
RESPONSE
2.687
2.309
2.183
2.374
1.583
2.200
3.044
2.382
IGLY AGREE
CHASING
RESPONSE
84.8
87.7
91.0
94.0
96.7

OF 96-97
RESPONSE
2.687
2.309
2.183
2.374
1.583
2.200
3.044
2.382
IGLY AGREE
CHASING
RESPONSE
84.8
87.7
91.0
94.0
96.7

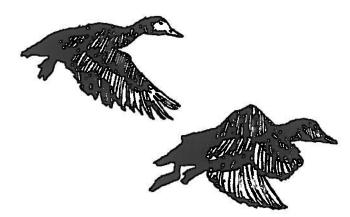
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Appendix



VIRGINIA DEPARTMENT OF GAME AND INLAND FISHERIES HUNTER QUESTIONNAIRE



Please answer each of the following questions completely. All responses to questions will be kept in strictest confidence. Results from this study will be reported only in an aggregate total, never attributed to any individual.

1.	Did you purchase a Virginia resident hunting license for the 1996-97 hunting season (July 1, 1996 - June 30, 1997)? Yes
	No (If no, do not go further. Please fold the questionnaire, place it in the return envelope, and return it as soon as possible.)
2.	What type of license(s) did you purchase? (✔ Check all that apply.) ☐ State resident license (allowing you to hunt statewide) ☐ County/City license (allowing you to hunt only in the county/city where purchased) ☐ Senior license (for residents 65 years or older) ☐ Big game license (deer, bear, and turkey permit) ☐ Other (please specify)
On t	he next page, we would like information regarding the

On the next page, we would like information regarding the number of game animals you harvested during the 1996-97 hunting season.

INSTRUCTIONS:

- Put the number of animals you <u>harvested personally</u> in 1996-97 in each of the boxes below. Be as accurate as possible.
- Do not include game taken by anyone other than you.
- If you hunted an animal, but were unsuccessful, place a zero (0) in the space.
- If you did not hunt a particular animal, leave the space blank.
- 3. Small Game (Birds) Harvest:

Dove	Quail	Woodcock	Ruffed Grouse	Crow
		-		

4. Small Game (Mammals) Harvest:

Rabbit	Gray	Fox	Groundhog/
	Squirrel	Squirrel	Woodchuck

5. Big Game Harvest:

	1
Spring 1997	
-	Spring 1997

6. Waterfowl Harvest:

	D	ucks	G	eese	
Mallard	Wood	Black	All Others	Sept. Season	NovMar. Season

7. Furbearer Harvest:

Red Fox	Gray Fox	Coyote	Raccoon	Bobcat

Next, we would like to know more about the <u>time</u> you spent afield. Below, <u>please indicate the number of days in which each species was the primary animal you hunted</u>. Count partial days as 1 day hunted.

8. Small Game (Birds) Days Hunted:

Dove	Quail	Woodcock	Ruffed Grouse	Crow

9. Small Game (Mammals) Days Hunted:

Rabbit	Gray	Fox	Groundhog/
	Squirrel	Squirrel	Woodchuck

10. Big Game Days Hunted:

Deer			eer Turkey	Bear		
Archery	Muzzleloader	Gun	Spring '96	Fall, '96	Spring, '97	

11. Waterfowl Days Hunted:

Ducks	Geese				
	Sept. Season NovMar. Season				

12. Furbearer Days Hunted:

Red Fox	Gray Fox	Coyote	Raccoon	Bobcat

Using the map at the bottom of this page, <u>indicate the region of the state where you most</u> often hunted each species by placing the number corresponding to that region in the space <u>provided</u>. If you did not hunt an animal, leave the space blank.

13. Small Game (Birds) Region Hunted:

Dove	Quail	Woodcock	Ruffed Grouse	Crow

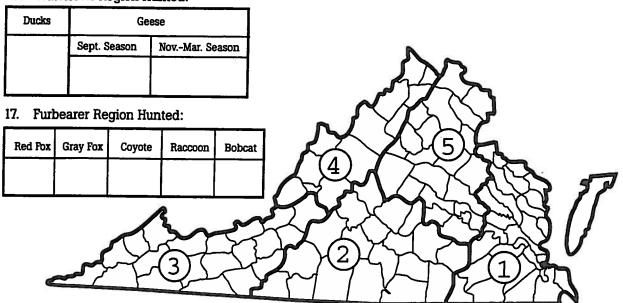
14. Small Game (Mammals) Region Hunted:

Rabbit	Gray	Fox	Groundhog/
	Squirrel	Squirrel	Woodchuck

15. Big Game Region Hunted:

Deer				Bear		
Archery	Muzzleloader	Gun	Spring '96			
	1			!		\$5

16. Waterfowl Region Hunted:



Qu 19	estions 18-1 96-97 hunti	9 pertai ing sea	n to DEEI son, ple	R (Gun) h ase skij	unting.() p to Que	If yo	ou did n #20).	<u>not</u>	DEER	. (Gur	ı) hun	ıt duri	ng the	
18	. Next, ple	ase ind	icate the	county	whete y	ou m	ost ofte	en hu					g 1996. Coun	tv
19	Overall h	otar do	wata	the me	1:£	10								٠,
.0	. Overall, h	iow do	you rate		шty or yo	our 18			iR (Gi	ın) se	ason?			
				Poor			Adequ				Excell	ent		
				O1	\Box^2	□³	□4	Ç	⊐ 5	□ ₆	1 7	!		
20	scope on y 1996-97,	om mm	METOGRICI	I ITI VO	u aia na	ader ot hu	deer so nt dur:	easor ing a	nduri asped	ing 19 cial :	96-97 Muzzle	7, did y eloade:	ou use a r season in	ι
	☐ Yes	□ N	o											
	d, we would 996. (If you	a aran	<u>oc</u> munc	ouring.	ARCHERY	DEEF	seaso	n, p	leas	e skij	p to Q	uestio	n #22).	;
21.		the bla HERY I	inks nex DEER SE	t to each ASON. If	species you did	, plac not s	ce the ree a pa	numk articu	oer of ılar a	anim nimal	als yo	u saw o	during the (0) in the	
	 .	_ a. B	ear			e. 1	Mink					i. River	Otter	
		_ b. B	obcat			f. V	Veasel					j. Turke		
		_ c. R	ed Fox			g. I	Raccoo	n			-	k. Grou	-	
		_ d. G	ray Fox											
22.	How many during the	"butto TOTAL	n bucks" 1996-97	' (where 7 DEER s	the antl season?	er ha	s not y	et br	oken	the h	airline	e) did y	ou harvest	
	b	utton b	ucks.											
Now	, we would	like to	know m	ore abou	ıt your T	URKI	Y hun	ting ((both	SPRI	NG an	d FALL)	•	
23.	Please, ind (If you did	icate th <u>not</u> hu	e county nt turke	where ys in th	you mos e fall, s l	t ofte kip to	n huni quesi	ed T	URKE #25.]	EYS di	uring I	FALL 19	96.	
									 -				County.	
24.	Overall, how	w do yo	ou rate th	ne qualit	y of you	r 199	6 FALL	TUR	KEY s	seaso	n?			
					P	oor			Ade	quate			Excellent	
					Ę	⊒¹	\square^2	□ 3	_	•]4	□ 5	□ 6	7	

25.	 Overall, how do you rate the quality of your SPRING TURKEY hunting during 1997? (If you did not hunt turkeys in the spring, skip to question #26.) 									
				Poor		1	Adequat	e		Excellent
			•		\square^2	□ 3	□4	□ 5	□ 6	 7
The 199	next question pertains to BEA 6-97 season, skip to Quest	AR hunt tion #2	ing in 19 27).	96. (I	f you d	id not	hunt	BEARS (during	g the
26.	During the 1996-97 BEAR	seaso	n, did yo	ou:						
	a. Hunt during the BEAR		•	n?	☐ Yes		No			
	b. Hunt with a GUN WITH	OUT D	OGS?		Yes		No No			
	c. Hunt with a GUN USIN	g Dogs	3 ?		☐ Yes		No No			
OF	REMAINING QUESTIONS THE SPECIES OR THE FRE	SHOU	LD BE A	ANSWE! THICH	YOU HUI	NTED.		DENTS,	, REG	ARDLESS
27 .	Do you own a boat?				☐ Yes	Q	No			
	If Yes, how many days did you use your boat while hunting? days.									
Next POP	t, we would like to know yo ULATIONS in the primary a	our viev rea you	ws regai hunted	rding ti l in 199	ne SIZE (96-97 (re	OF THE egardle	DEER	AND TO ne speci	JRKEY es you	hunted).
28.	How would you rate the si in 1996-97:	ze of th	ne DEEF	RHERD	in the a	area in	which	you hur	nted m	ost
		Low		;	Moderate			High	C	No Opinion
		□ ï	\square^2	□ 3	-	□s	□ 6	7		□°
29.	What advice would you give (✓ Check only one).	ve the	Departm	ent re	garding	how to	mana	ge the D	eer h	ERD?
	☐ Increase the herd									
	☐ Stabilize the herd									
	Decrease the herd									
	☐ No opinion									
30.	How would you rate the siz most in 1996-97:	ze of th	e TURK	EY POI	PULATIO	N in the	e area	in whic	h you l	hunted
		Low		1	10derate			High	o	No pinion
		□ i	\Box ²	\square ³	-	□ 5	□ 6	"		□ *

31.	area where you hunt? (✓ Check only ☐ Increase turkey populations ☐ Stabilize turkey populations ☐ Decrease turkey populations	oartmen 7 one).	t regard	ding ho	w to m	anage]	TURKEY	/S in the
	☐ No opinion							
NEX BAG	T, WE WOULD LIKE TO KNOW YOUR PI LIMITS, ETC.	REFERE	NCES/	OPINIO	NS REG	ARDIN	G SEAS	ON DATES,
32.	What advice would you give the Department of the Check only one).	artment	regardi	ing the	bag lin	uit on S	PRING	(GOBBLER)
	☐ Increase the limit							
	Keep the limit the same							
	Decrease the limit							
	No opinion							
33.	What advice would you give the Depa TURKEYS? (Check only one).	rtment	regardi	ng the	bag lim	it on FA	LL (EIT	HER SEX)
	☐ Increase the limit							•
	Keep the limit the same							
	☐ Decrease the limit							
i	☐ No opinion							
34. I	countries in Eastern Virginia have a 2 a 6-week season. If you were asked to help set the date a counties, please indicate the degree to ollowing dates:							
•	_	Strong! Oppose			Does No Matter			Strongly Favor
	-week season: no change in current season	٦ı	□ ²	□]3	□4	□s	□e	7
	-week season: current season + two weeks earlier	٦	2	□ 3	-	□ 5	— 6	7
	-week season: current season + last 2 weeks of (Gun) Deer season	Πī	\square^2	3	□4	□ 5	□ 6	<u> </u>
	-week season: current season +2 weeks after (Gun) Deer season closes in January	Öı	_ 2	□ 3	□4	□ 5	□ 6	7
6-	week season: (same as rest of the state)	□ i	□ ²	_ 3	□4	□ 5	 6	7

35.	If you were asked to help set the OPENII the degree to which you would favor or	NG DATE	for AF each of	CHERN the fo	DEER	season dates:	, please	e indicate		
	•0	Strongly Oppose		;	Does Not Matter			Strongly Favor		
	a. 2nd Saturday in September	□ ¹	\square^2	. □3	□4	□ 5	6	_ 7		
	b. 3rd Saturday in September	□ ¹	\square^2	□ 3	□4	□ 5	□ 6	□ 7		
	c. 4th Saturday in September	1	□ 12	□3	□4	□ 5	□ 6	□ 7		
	d. 1st Saturday in October	<u></u>	2	□ 3	4	s	— 6	7		
36.	Please indicate the degree to which you SEPARATE BEAR HUNTING LICENSE:	would i	avor or	oppos	e the re	equirem	ent of a	a		
		Strongly Does Not Oppose Matter						Strongly Favor		
		٦	□ 2	□ 3	□*	□ 5	□ 6	7		
37.	To what extent would you favor or opposite bear license if one was required?	se each	of the f	ollowi	ng costs	to pur	chase a	separate		
		Strongly Oppose		i	Does Not Matter			Strongly Favor		
	a. \$1.00	i i	\square^2	□3	4	_ 5	_ 6	□ 7		
	b. \$5.00	Πı	\square^2	□ 3	1 4	_ 5	□ 6	□ 7		
	c. \$12.00	□¹	□ 2	□3	□4	_ 5	□ 6	 27		
	d. \$25.00	٦	\Box^2	□ 13	□4	□s	6	1 27		
	e. \$50.00	□¹	□ 2	□ 3	_	_5	□ 6	7		
38.	Please consider the following options to HUNTERS ONLY to DEER HUNT with a RI 15 years or younger, no other hunters we the degree to which you would favor or the degree to which you would the degree to whi	EGULAR ould be	FIREA allowe	RM. Ex d to hu	cept to	assist y	oung h	unters,		
		Strongly Oppose		1	Does Not Matter			Strongly Favor		
	a. 1 Saturday before archery season opens	□1	\square^2	□ 3	□4	s	□e	7		
	b. 1 Saturday during archery season	_ 1	⊡ ²	□ß	_	_ 5	□ 6	77		
	c. The last Saturday in the early muzzleloader season (the Saturday immediately prior to firearms season)	Πı	□ ²	□ 3	□4	5	_ 6			
	d. 1 Saturday during the late muzzleloader season	٦	_ 2	□ 3	□4	_ 5	□ 6	_ 7		

3	9. If a day young	y was de hunter h	dicated s unting?	pecifically	for yo	oung hu	nters o	nly, wo	ould you	ı perso	nally ta	ıke a
	☐ Yes		•) No	U		ot Sure	;				
40	O. Please	indicate	the degre	e to which	ı you	would i	avor or	oppos	e SUNI	AY HUI	NTING.	
						Strongly Oppose			Does Not Matter			Strongly Favor
						□¹	1 2	□ 3	□4	⊡ ⁵	□ 6	7
IN TC	THE NEXT	r questi Agemen	ON, WE V IT OF SEI	VOULD LIK ECTED SP	E YO	UR INPU S.	T REG	ARDIN	G HOW	TO ALL	OCATE	FUNDING
41	25¢ to o	ieer man Iging end	agement,	tegories of that dollar 25¢ to tur species. Pl ovided. BE	key r	nanagei	nent,10	to m	or exam anagin	ple, you g nonga	u might	allocate
		Turkey										
		Bear										
		Squirre	els									
		Quail a	nd Rabbi	ts								14
		Non-ga	me Spec	ies								
		Deer	-									
		Waterfo	owl									
		Endand	ered Spe	cies								
	\$1.00											
THE	E NEXT GR	OUP OF (UESTION	is pertain	IS TO	YOU, T	HE HUI	VTER.				
42.	Below ar a hunter (Check	e 11 gam of one p only one	e species articular : e).	commonly species over	hun er all	ted in V the oth	irginia ers, hov	. If you w woul	had to	classify classify	y yours yourse	elf as lf?
	☐ Deer		☐ Fall	Turkey	П	Spring	Threlease	. n.	n			
	☐ Quail		☐ Rabi	_	7	Spring Squirre	тшкей					
	☐ Water		☐ Racc			Other (Grouse)			
43 .	How old a	re you?		у	ears.							

44.	Marital Status: ☐ Never Married ☐ Married ☐ Divorced ☐ Separated ☐ Widowed
4 5.	Gender: Male Female
46.	Do you have children?
47 .	Do your children hunt?
48.	How old were you when you first hunted?years.
49.	Who taught you to hunt? (✔ Check only one). □ Father □ Brother/Sister □ Spouse □ Grandparent □ Mother □ Friend □ Uncle/Aunt □ No one taught me, I learned on my own
50.	What best describes your father's attitude toward hunting when you were young? (Check only one.) Personally hunted Discouraged my interest in hunting
	☐ Did not hunt, but approved of hunting ☐ Tolerated my interest in hunting ☐ Forbid me to hunt ☐ Do not know
51.	What best describes your mother's attitude toward hunting when you were young? (✔ Check only one.)
	 □ Personally hunted □ Did not hunt, but approved of hunting □ Tolerated my interest in hunting □ Discouraged my interest in hunting □ Forbid me to hunt □ Do not know
52.	What is your spouse's attitude toward hunting? (Check only one.)
	 □ My spouse is a hunter □ Does not hunt, but approves of hunting □ Tolerates my interest in hunting □ Discourages my interest in hunting □ Do not know □ I am not married
53.	What is your closest friend's attitude toward hunting? (✔ Check only one.)
	 □ Personally hunts □ Does not hunt, but approves of hunting □ Tolerates my interest in hunting □ Do not know

54	In what type of area do you currently reside? (Farm Rural, but not farm Town (less than 50,000 in population) Urban (city over 50,000 in population) Suburban (adjacent to city over 50,000 in population)		ly one.)			
55	 Where did you reside as a child? (✔ Check only of Farm Rural, but not farm Town (less than 50,000 in population) Urban (city over 50,000 in population) Suburban (adjacent to city over 50,000 in population) 				\$	
TH: OP:	E FINAL SECTION PERTAINS TO CONSTRAINTS THA PORTUNITY TO HUNT.	T INHIBIT	' YOUR AE	BILITY OR		
Pie	would like to know the reasons why people do no ase indicate your level of agreement or disagreeme checking the most appropriate box.	t hunt (or nt with th	do not hu e followi	int more). ng statem	ents	
		Strongly Disagree	Disagree	No Opinion	Agree	Strongly Agree
56.	I do not perceive any barriers to my hunting activities. I hunt as much as I wish.	□ ¹	_ 2²	_ □³	_ '	s
57 .	In my leisure time, I prefer to participate in activities other than hunting.	□,	<u></u> 2	□³	O,	◘⁵
58.	I am unable to hunt due to a disability	□¹.	□ ²	□ ;	_	□s
59.	Family activities leave me little time for hunting.	□ i	\square^2	□ ³	_ 4	□⁵
60.	When I have free time, I'd rather stay at home.	□ ;	□ ²	□ ³		□5
61.	The cost of equipment makes hunting too expensive.		2	□ ³	□ •	_ 5
62.	Laws pertaining to hunting are too confusing.	_ 1	□ 1²	□ 3	□4	□s
63.	Work commitments leave little time for hunting.	<u> </u>	□ ²	□³	·	_ s
	The cost of a hunting license is too expensive.	□ ï	□ 2	 □r³	_ •	s
65.	Travel costs (gas, meals and lodging) make hunting too expensive.	Πı	2²	□³	O ⁴	□ ⁵
66.	I have no opportunities to hunt near my home.	□ ¹	_ 2	□ 3	□ ⁴	□s
67 .	Public hunting lands are too crowded.	ı	2		_·	_ _:
68.	I do not know where to go to hunt.	O,	2	_r	_·	_ _

 \square^2

 \square_3

5

		Strongly Disagree	Disagree	No Opinion	Адтее	Strongi Agre
6	Public hunting lands are too dangerous.	□ i	\square^2			
70	 I do not have access to private lands on which to hunt. 	Ü	□ ²	□³	O'	<u> </u>
71	 Being able to hunt only one day of the weekend limits my hunting activity. 	O i	□ ²	_ 3	-	□⁵
72	. Hunting requires too much effort.	□i,	□ 1²	□³	□ 4	□s
73	None of my famity or friends hunt, therefore I have no one to hunt with.	□ i		□³	ď	ا ا
74	 Gaining access to private land on which to hunt is becoming more difficult. 	□¹	□ ²	□ ;	-	□ s
75	 I have difficulty finding a place to purchase a hunting license. 	□ï	□ ²	□³	<u>o</u> r	□ 5
76.	Hunting on private land is becoming dangerous.	□i.	□ ²	□p	□ •	
77.	Hunting regulations are confusing and complicated		<u> </u>	o o	<u>.</u>	O"
78.		יים י				□°
79.	Game populations and my chances for success are too low to make hunting worthwhile.	<u>.</u> .	<u> </u>	<u> </u>	ď	□ ⁵
80.	Other hunting seasons interfere with my favorite kind of hunting.	<u>o</u> i	□ ²	□ º	□ •	_ 5
81.	Many of my friends/family do not approve of hunting. Therefore, I am somewhat embarrassed to mention hunting in their presence.	□ ¹	 2	□ ³	-	□ ⁵
82.		Ö,	□ ²	□ 3	_	_ 5
83.	I feel unsafe when hunting due to the poor ethics of other hunters.	ı ن	□ ²	□ ³	-	 5
84.	Because of the poor behavior of some hunters, I am embarassed to be viewed as a hunter.	□i.	□²	□ ³ ·	-	_ 5
85.	Finally, we would like to know if you purchased a Viryears (✔ Check all that apply). □ 1995–96 □ 1994–95 □ 1993–94 □ 1992–93 □ 1991–92	rginia hu	nting lice	nse in the	e followi	ng

Thank you for taking the time to complete this survey. Your answers are very important to the successful management of wildlife in Virginia. If you have questions regarding the study or this questionnaire, please contact the Center for Recreation Resources Policy at (703) 993-2064.

PLEASE FOLD THE QUESTIONNAIRE,
PLACE IT IN THE RETURN ENVELOPE, AND
RETURN IT TO US AS SOON AS POSSIBLE.
THANKS AGAIN!

Hunter Survey
Center for Recreation Resources Policy
George Mason University
Mail Stop 1F6
Fairfax, VA 22030-4444

3. 0.7	—	Strong: Disagre	ly e Disagre	No		Strongly
69.	Public hunting lands are too dangerous.	g.c		-	n Agree	Agree
70.	I do not have access to private lands on which to hunt.	Ü		o;	<u></u> .	□ 15
71.	Being able to hunt only one day of the weekend limits my hunting activity.	O,	2	□ i³	_ _	
72.	Hunting requires too much effort.	ייכו	_		_	7
73.	None of my famity or friends hunt, therefore I have no one to hunt with.	Ü	□² □²			□ 5 □ 5
74.	Gaining access to private land on which to hunt is becoming more difficult.	<u> </u>		□ ;	 	_
75.	I have difficulty finding a place to purchase a hunting license.	Ö '	2	□ p³	_ 	
76.]	Hunting on private land is becoming dangerous.	.	_			J
77.]	Hunting regulations are confusing and complicated	<u> </u>	□²	□ 3	□ •	□de
78. I	Private lands are too crowded.		2²	□ ³	□ ⁺	□ 5
79. G	iame populations and manage	<u> </u>	□ ²	□ 3		□ 5
	to make numing worthwhile	<u>O</u> i	\square^2	□ ³	_ *	_ 15
80. O	ther hunting seasons interfere with my worite kind of hunting.	ū	\Box^2	□ ³	_	s
to	any of my friends/family do not approve of unting. Therefore, I am somewhat embarrassed mention hunting in their presence.	□ i	□²	□ ³	_ *	s
82. I'd ins	rather photograph or observe game now stead of kill them.	٦	\square^2	□ ³	<u>o</u> r	□ 15
	eel unsafe when hunting due to the poor nics of other hunters.	<u>'</u>	□ 1²	□ ³	<u></u>	□ 5
84. Bed I an	cause of the poor behavior of some hunters, n embarassed to be viewed as a hunter.	<u>Ö</u> i	□ ² į]; ·	<u>o</u> r	5
85. Fina year C	ally, we would like to know if you purchased a Virs (Check all that apply). 1 1995–96 1 1994–95 1 1993–94 1 1992–93 1 1991–92	ginia hur	nting licen	se in the	e followin	g

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		Strongly Disagree	Disagree	No Opinion	Agree	Strongly Agree
69.	Public hunting lands are too dangerous.	Πı	□ ²	□³	□*	□ ⁵
70.	I do not have access to private lands on which to hunt.	O,	□ ²	□³	O'	_ 5
71.	Being able to hunt only one day of the weekend limits my hunting activity.	<u></u>	2 ²	□ ³	-	_ 5
72.	Hunting requires too much effort.	□,	\square^2	□³	_ *	□s
73.	None of my famity or friends hunt, therefore I have no one to hunt with.	 1		□ ³	ď	□ 5
74.	Gaining access to private land on which to hunt is becoming more difficult.	□,	 2	 3	<u> </u>	◘⁵
75.	I have difficulty finding a place to purchase a hunting license.	□ i	□ ²	□ ³	□ '	□s
76.	Hunting on private land is becoming dangerous.	□ i	\square^2	□ 3	1	□ ⁵
77.	Hunting regulations are confusing and complicated	i. 🗀¹	□ ²	□ ³	□⁴	۵۶
78.	Private lands are too crowded.	□¹	□ ²	 3	_	_ 5
79.	Game populations and my chances for success are too low to make hunting worthwhile.	□,	2	□ ³	□ '	◘⁵
80.	Other hunting seasons interfere with my favorite kind of hunting.	□¹	2	□³	□ '	□ ⁵
81.	Many of my friends/family do not approve of hunting. Therefore, I am somewhat embarrassed to mention hunting in their presence.	□i,	□ ²	□³		□ 5
82.	I'd rather photograph or observe game now instead of kill them.	□ï	□²	□ ³	Q *	_ 5
83.	I feel unsafe when hunting due to the poor ethics of other hunters.	□¹	□²	□ ³	D	□ 5
84.	Because of the poor behavior of some hunters, I am embarassed to be viewed as a hunter.	□ ı	□²	□ 3 ·	<u> </u>	□ °
85.	Finally, we would like to know if you purchased a \ years (✓ Check all that apply). □ 1995–96 □ 1994–95 □ 1993–94 □ 1992–93 □ 1991–92	/irginia ł	nunting lie	cense in t	the follow	wing